SEMINOLE COUNTY GOVERNMENT AGENDA MEMORANDUM

SUBJECT: Change Order #5 to CC-2098-07/DRR - Yankee Lake WRF PH I Improvements and Greenwood Lakes WWTF Biosolids Dewatering Improvements

DEPARTMENT: Administrative Services **DIVISION:** Purchasing and Contracts

AUTHORIZED BY: Frank Raymond CONTACT: Diane Reed EXT: 7120

MOTION/RECOMMENDATION:

Approve Change Order #5 to CC-2098-07/DRR - Yankee Lake WRF PH I Improvements and Greenwood Lakes WWTF Biosolids Dewatering Improvements with Florida Design Contractors Inc., of Lake Park, Florida, for an increase in the amount of \$202,213.00 and the addition of six (6) calendar days.

County-wide Ray Hooper

BACKGROUND:

CC-2098-07/DRR provides all labor, materials, equipment, tools, transportation, services and incidentals necessary for construction at both facilities. The Yankee Lake WRF Ph I Improvements consist of upgrading the facility from the existing permitted capacity of 2.5 mgd to 3.5 mgd. The Greenwood Lakes WWTF Biosolids Dewatering Improvements consist of the removal of existing dewatering equipment and the installation of new owner furnished equipment.

The work schedule for CC-2098-07/DRR was divided into three phases with three separate Notices to Proceed issued by the County. Phase I was for Yankee Lake WRF PH I Improvements (excluding work described for Ph II). Phase II was for Yankee Lake WRF installation of an emergency power generator and the relocation of an existing 600 KW emergency power generator. Phase III was for Greenwood Lakes WWTF biosolids dewatering improvements.

Change Order #5 will provide for the additional supplementary processing systems and components necessary to keep the plant online and bypass physical constraints, as the current system does not have backup or redundant mechanisms to support taking elements offline for repair. Due to the operational age of the existing facility, the amount of sludge build up at the bottom of the aeration bays became much greater than the volume originally predicted. In addition, Change Order #5 will add six (6) calendar days to Phase III of the project.

The following is a summary of the cost of the Agreement:

Original Agreement sum \$9,173,442.00 Change Orders # 1 - 4 259,577.00 Change Order #5 202,213.00 Revised Agreement Total \$9,635,232.00

This is a budgeted project and funds are available in Yankee Lk Plant Expansion/Rerate (Account #087817.560650, CIP #00195201).

STAFF RECOMMENDATION:

Staff recommends that the Board approve Change Order #5 to CC-2098-07/DRR - Yankee Lake WRF PH I Improvements and Greenwood Lakes WWTF Biosolids Dewatering Improvements with Florida Design Contractors Inc., of Lake Park, Florida, for an increase in the amount of \$202,213.00 and the addition of six (6) calendar days.

ATTACHMENTS:

1. CC-2098-07_DRR - Change Order 5 (Florida Design)

Additionally Reviewed By:

County Attorney Review (Ann Colby)

SEMINOLE COUNTY, FLORIDA CHANGE ORDER FOR CONSTRUCTION PROJECTS

CHANGE ORDER FOR CONSTRUCTION PROJECTS **PURCHASING & CONTRACTS DIVISION** 1101 E. First Street Sanford, Florida 32771-1468 (407) 665-7116 Contract Number: CC-2098-07 Change Order No.: <u>5</u> Other Project No: <u>10303004</u> Initiation Date:3/19/2009 Contract Date:7/24/2007 Work Order No.: Vendor No: CIP Number: 195201 Contract Title: Yankee Lake and Greenwood Lakes Re-Rate Project You are requested to make the following change(s) in this Contract/Work Order, and reason(s) are provided: See attached summary sheets Original Contract/Work Order Sum \$9173442.00 \$9433019.00 Contract/Work Order sum prior to this change order Change Order Sum (⊠ increase) (☐ decrease) (☐ unchanged) \$202213.00 New Contract/Work Order sum including this change order will be_____ \$9635232.00 Time will be (☒ increased) (☐ decreased) (☐ Junchanged) by_____ **⊘**Days NTP Final Completion Date through this change order ____ NTP3 6/11/2009 2 8/6/09 NTP vould require

Waiver: This Change Order constitutes full and mutual accord and satisfaction for the adjustment of Contract/Work Order Price and Time as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change. Acceptance of this Waiver constitutes an agreement between County and Contractor that the Change Order represents and equitable adjustment to the Agreement and that Contractor shall waive all rights to file a Contract Claim of any nature on this Change Order. Execution of this Change Order shall constitute Contractor's complete acceptance and satisfaction that it is entitled to no more costs or time (direct, indirect, impact, etc.) pursuant to this Change Order. Acknowledgements: The aforementioned change, and work affected thereby, is subject to all provisions of the original Agreement not specifically changed by this Change Order; and it is expressly understood and agreed that the approval of the Change Order shall have no effect on the original agreement other than matters expressly provided herein. This Change Order \(\sqrt{ does } \) does not involve changes to the design of the project, which signature by the Architect/Engineer of Record. Project Manager (initials) Architect/Engineer (Signature) Project Manager (Signature ractor (Seal &tSid 370 SATU SWILL START 13kg S. KILLANDA. ORLANDO FL 32827 Department/Division Fi 328

Department/Division Fi 328 LAKE MARA PL 37663 Address (List Above) BY: TOM CLAPKE By: CAEUL HUNTED By: Daviel Augusti (Print Name) (Print Name) Date: 3/25/09 Date: 3/20109 Purchasing & Contracts Approval Pursuant to Administrative Code: WITNESSES: Robert Hunter, Procurement Supervisor Date As authorized by Section 8.153, Seminole **County Administrative Code** SEMINOLE COUNTY BOARD OF COUNTY COMMISSIONERS | Board Approval: BOARD OF COUNTY COMMISSIONERS ATTEST: SEMINOLE COUNTY, FLORIDA MARYANNE MORSE Clerk to the Board of County Commissioners of Seminole County, Florida. BOB DALLARI, Chairman Date As authorized for execution by the Board of County Approved as to form & legal sufficiency: Commissioners at their______, 20_ regular meeting. County Attorney Date

YANKEE LAKE – GREENWOOD LAKES RE-RATE CC-2098-07/DRR CIP #195201

WBS #10303004

Change Order #005 Summary:

ITEM	DESCRIPTION	REASON FOR CHANGE
23	Request for Info #119 – Greenwood Lakes – Modify BFP Feed piping to Belt Filter Press	Location of Press and location of existing incoming floor pipe were not aligned as shown in the drawings
29	Field Order #27 - Yankee Lake and Greenwood Lakes – Install Owner-Furnished backflow preventers on Polymer system Potable Water piping.	Owner Requested
31	Request f or Info #127 – Greenwood Lakes Belt Filter Press walkway handrail modifications.	To allow room for Andritz control panel door swing
32	Field Order #29 – Modify Cake Sludge piping at Greenwood Lakes BFP Loadout	To allow truck trailers to clear the piping and for sludge to drop in the center of the trailers.
33	Field Order #33 – Greenwood Lakes – Modify Cake Sludge pipe supports	To allow for vertical uplift during flushing
34	Field Order #34 – Greenwood Lakes – Install H-shaped drain trench under Belt Filter Press	To allow for better drainage under the press
36	Request for Info #167 – Yankee Lake motorized valve modifications on OPEN/CLOSED valves	Analog signals shown on the drawings were not what was needed for these valves.
37	Field Order #36 – Relocate Washwater Booster Pump at Yankee Lake Belt Filter Press	Engineer of Record requested to make room for future installations
38	Field Order #37 – Yankee Lake – Replace ethernet switch in 150-CP-1.	To provide a managed network for the 150 PLC in the Panel
39	Field Order #35 – Provide additional light fixtures at the Equalization Pump Station	To illuminate dark spots due to tall pumps.
40	Request for Quotation #3 – Delete polyethylene caps on piping at Greenwood Lakes	Requested by the Contractor
41	Request for Quotation #2 - Provide additional SCADA items at Yankee Lake and Greenwood Lakes	Owner Requested
44	Request for Info #176 – Yankee Lake – Provide coquina shell road to access Equalization Pump Station	Shown in the drawings, but specification not applicable
47	Request for Information #173 – Yankee Lake – Increase of 300 wet tons to the unit price quantity for Sludge Removal	Unforeseen Site Condition

CONTRACT PRICE AND CONSTRUCTION TIME ADJUSTMENTS

	Contract Price	Construction Time
Original:	\$ 9,173,442.00	390 days
Approved Change Orders:	\$ 259,577.00	177 days
This Change Order:	\$ 202,213.00	<u>0 days</u>
Adjusted Contract Cost:	\$ 9,635,232.00	567 days

Adjusted Date of Final Completion: June 11, 2009

Submitted By: All C. Beel

Date

SEMINOLE COUNTY CHANGE ORDER ATTACHMENT

	ct Name: Yankee Lake – Greenwood ct/Agreement No. <u>CC-2098-07/DRR</u>					
	ge Order No. 005	<u>(OII I</u>	<u> </u>			
Item	Description	Qty	Unit	Unit Price	Qty Inc / Dec	Amount
23	Modify Belt Filter Press feed piping at GWL	1	LS	\$656	Inc	\$656
29	Install Owner-Furnished backflow preventers at YL and GWL	1	LS	\$628	Inc	\$628
31	Modify GWL handrail	1	LS	\$936	Inc	\$936
32	Modify Cake Sludge Drop Pipes	1	LS	\$2416	Inc	\$2416
33	Modify GWL Cake Sludge pipe supports	1 2	LS DA	\$5816	Inc Inc GWL	\$5816
34	Drain Trench under GWL BFP	1 4	LS DA	\$7184	Inc Inc GWL	\$7184
36	Modify YL Motor Operated Valves	1	LS	\$10186	Inc	\$10186
37	Relocate Washwater Booster Pump at YL	1	LS	\$2848	Inc	\$2848
38	Install ethernet switch at YL	1	LS	\$1272	Inc	\$1272
39	Add lights at EQ Pump Station	1	LS	\$1853	Inc	\$1853
40	Delete caps on pipe bolts at GWL	1	LS	\$1811	Dec	(\$1811)
41	Provide additional SCADA items	1	LS	\$4259	Inc	\$4259
44	Provide all-weather road to EQ P.S.	1	LS	\$970	Inc	\$970
47	Sludge Removal Unit Price quantity increase.	1	LS	\$165000	Inc	\$165000
Total:		I			1	\$202213 0 Days 6 Days to GWL

YANKEE LAKE AND GREENWOOD LAKES RE-RATE

SEMINOLE COUNTY CHANGE ORDER #005

3/19/2009 CC-2098-07/DRR CIP 195201

			, , , , , , , , , , , , , , , , , , ,				
FDC NO.	SEM NO.	TYPE	DESCRIPTION	DAYS	QUOTE	ENGINEER	FINAL AMOUNT
PROP 23	RFI 119	osn	ALIGNMENT OF INCOMING BELT FILTER PRESS FEED PIPING AT GREENWOOD LAKES	0	\$656.00	\$656.00	\$656.00
PROP 29	FO 27	OR	ADDITION OF OWNER FURNISHED BACKFLOW PREVENTERS ON POLYMER SYSTEMS	0	\$628.00	\$628.00	\$628.00
PROP 31	RFI 127	OSC	MODIFY GWL HANDRAIL	0	\$1,395.00	\$936.00	\$936.00
PROP 32	FO 29R	씸	MODIFY CAKE SLUDGE DROP PIPES	0	\$2,416.00	\$2,416.00	\$2,416.00
PROP 33	FO 33	0	MODIFY GREENWOOD LAKES CAKE SLUDGE PIPE SUPPORTS	2 (GWL)	\$7,710.00	\$5,816.00	\$5,816.00
PROP 34	FO 34	OR	DRAIN TRENCH UNDER GREENWOOD LAKES BFP	4 (GWL)	\$7,184.00	\$7,184.00	\$7,184.00
PROP 36	RFI 167	OR	MODIFY MOTOR OPERATED VALVES THAT HAVE OPEN/CLOSED FUNCTIONS ONLY	0	\$10,186.00	\$10,186.00	\$10,186.00
PROP 37	FO 36	П	RELOCATE WASHWATER BOOSTER PUMP AND AIR FLUSH LINE	0	\$2,848.00	\$2,848.00	\$2,848.00
PROP 38	FO 37	OR	INSTALL PREFERRED ETHERNET SWITCH IN 150-CP-1	0	\$1,272.00	\$1,272.00	\$1,272.00
PROP 39	FO 35	OR	ADD LIGHTS AT EQUALIZATION PUMP STATION	0	\$1,853.00	\$1,853.00	\$1,853.00
PROP 40	RFQ 3	0	DELETE POLYETHYLENE CAPS ON PIPE BOLTS AT GREENWOOD LAKES	0	-\$1,811.00	-\$1,811.00	-\$1,811.00
PROP 41	RFQ 2	0	PROVIDE ADDITIONAL SCADA ITEMS	0	\$4,259.00	\$4,259.00	\$4,259.00
PROP 44	RFI 176	PE	PROVIDE AND INSTALL COQUINA SHELL ROAD TO EQUALIZATION PUMP STATION AREA.	0	\$970.00	\$970.00	\$970.00
PROP 47	RFI 173	OSC	INCREASE UNITS FOR SLUDGE REMOVAL UNIT PRICE BID ITEM	0	\$165,000.00	\$165,000.00	\$165,000.00
		A THE TAXABLE PROPERTY OF TAXABLE PROP	CHANGE ORDER #005 TOTAL	0	\$204,566.00	\$202,213.00	\$202,213.00

PE=PROJECT ENHANCEMENTS 0=0THER



To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Thursday, July 31, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

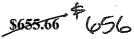
Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #23 for Changes to GWL Piping per RFI #119

Florida Design Contractors proposes to provide and install the piping as shown on the attached drawing as requested by the Owner.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:



Please find attached for your information and use:

- Cost Proposal Summary Sheet #26 Revised
- RFI #119
- Supplier Material Quotes

If you have any questions or require additional information, you may contact me via email at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive COST PROPOSAL Lake Park, FL 33403 023 Revised Civil & Environmental Contractors CIP #195201, WBS #10303004, CC-2098-07/DRR PROJECT NAME: Yankee Lake WRF Phase I Improvements 07/31/08 DATE: Seminole County, FL LOCATION: DRAWING NO **GWL D-101** Seminole County OWNER: SPEC. SECTION: N/A ENGINEER: Boyle Engineering REQUEST FOR PROPOSAL: REFERENCE Provide material and labor to implement necessary changes to BFP feed piping design due to offset between the press and the existing DESCRIPTION: feed pipe stub up shown on the attached, accepted layout sketch per the response to RFI #119. Sales tax of 6% shown on this form. PRICING INFORMATION COST SKILL/TRADE MAN-HOURS 70.00 \$ MH Welder \$ 1. DIRECT LABOR МН 40.00 \$ Unskilled 1.A GENERAL LABOR: 45.00 \$ Skilled MH \$ МН 49.00 \$ \$ Operator 1.B FIELD ENGINEERING: Foreman МН 55.00 \$ MH 85.00 \$ Superintendent \$ 180,00 Project Engineer МН \$ 90.00 \$ 110.00 \$ 220.00 2 MH \$ Project Manager Vice President MH 135.00 \$ 1,000.00 \$ \$ 1.C DAILY GENERAL CONDITIONS DAYS Time Increase 400.00 SUBTOTAL (1) 6.00 Punchlist 1.5% Labor \$ 60.90 OVERHEAD & PROFIT 15% \$ TOTAL (1) 466.90 \$

2. MATERIALS AND EQUIPMENT	DESCRIPTION	WEEKS		UNIT PRICE	COST	E. A. Brangemed III (198
2.A EQUIPMENT:	Crane Truck			\$3,000.00		-
400 V 1000 W 11 11 11 11 11 11 11 11 11 11 11 11 1	Excavator			\$2,300.00	\$	
	Loader		1	\$2,000.00	\$	-
	Dewatering			\$1,300.00	\$	
	Backhoe		\	\$1,500.00	\$	
	Compactor		·	\$450.00	\$	-
2.B MATERIAL	MATERIAL	UNITS NOT				
	Equipment Fuel	8% Fueled Equipn			\$	*
	Small Tools / Consumables	2%	Labor C	Cost	\$	-
					\$	-
	6" Flange Kit	(2)	EA	\$ 82,47		(164.94)
•	8" 22.5 Bend Flanged	1	EA	\$ 238,50	\$	238,50
	6" Megaflange	ţ	EA	\$ 82.15	\$	82.15
				ļ	\$	
				<u> </u>	\$	*
			SU	BTOTAL (2)	\$	155.71
2.C DIRECT COSTS:	OVERHEAD & PROFIT			15%	\$	23.36
				OTAL (2)	\$	179.07
3. SUBCONTRACTORS	DESCRI	COST				
		TO DESCRIPTION OF THE PARTY.	sac vacas HST			
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					1	
			SU	BTOTAL (3)	\$	
OVERHEAD & PROFIT			L	5%	\$	***************************************
				TOTAL (3)	\$	-
				AL (1)+(2)+(3)	\$	645.97
ADDITIONAL INSURANCE (55%) AND BONDIN	IG (96%) COSTS:			1.5%	\$	9.69
			GR	AND TOTAL	\$	655.66
		enter (tip) illinor (tip) e e e e e e	22/14/2014/99	Commission of a test of the	tiskuuti eta ja mai Harikkii järjäkka sa Harikaan kirikka koksa	

By:		By:	Ву:	
	Engineer (Authorized Signature)	• `	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:		Date:	Date:	



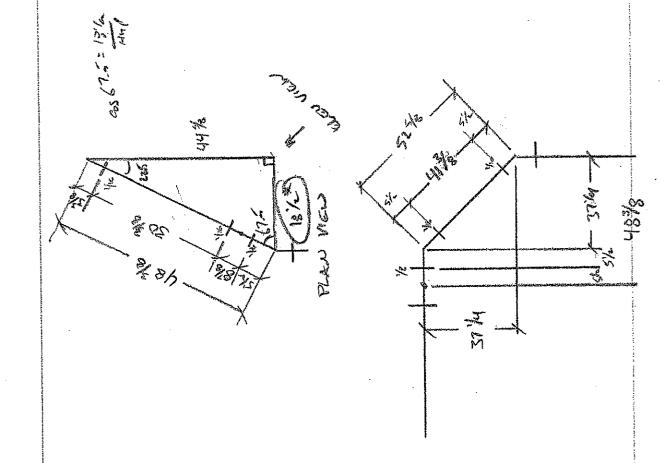
SEMINOLE COUNTY ENVIRONMENTAL SERVICES CAPITAL IMPROVEMENT PROGRAM REQUEST FOR INFORMATION - CONSTRUCTION

RFI Number	119
Project Name	Yankee Lake / Greenwood Lakes Re-Rate
Contractor	Florida Design Contractors
CIP Number	195201
WBS Number	10303004
Date Submitted	05/01/08
Prepared By	Jeffrey Holst
Sheet Number	D-101, D-301
Specification	

DATE STAMP - Received by Program Document

Description of Request
Please see attached the proposed piping arrangement for the GWL belt filter press feed piping and advise. Please note that spools have been eliminated in the vertical run.
·
Forwarded By: Allen Bigelow
Title: Construction Manager
Date of Forwarding: May 1, 2008
Response to Request
We have no objections to the proposed modifications.
·
Responded By: Brenda Keenan
Title: Assistant Engineer
Date of Response: 5/2/2008
Date Returned to Contractor: 5/2/2008
Returned Ry: Allen Ricelow

The state of the s



Jeff Holst

From:

Vela, Alex [HDS - NWW] [Alex.Vela@hdsupply.com]

Sent:

Friday, May 09, 2008 4:20 PM

To:

Jeff Holst

Cc:

Smith, George [HDS - NWW] Subject: RE: GWL Change Order Quote

Jeff,

As requested -

8"	Flanged P401 lined 22-1/2 bend	\$225.00/each
6"	2106 mega-flange w/acc kit	\$77.50/each
6°°	316SS bolt/nut/gasket kit	\$77.80/each

Thank you.

From: Jeff Holst [mailto:jholst@floridadesigncontractors.com]

Sent: Friday, May 09, 2008 3:54 PM

To: Vela, Alex [HDS - NWW]

Subject: GWL Change Order Quote

Alex,

Please quote the following for a change order proposal at GWL:

8" flanged E/P DIP 22.5 bend

6" Megaflange for DIP and accessory kit

6" SSTL flange kit (this will actually be a credit)

Thanks,

Jeffrey T. Holst

Project Engineer

Florida Design Contractors, Inc.

O: 561-845-1233 x 103

C: 561-324-3149

F: 561-848-5992

No virus found in this incoming message.

Checked by AVG.

Version: 7.5.524 / Virus Database: 269.23.9/1419 - Release Date: 5/7/2008 7:46 AM



To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Monday, July 14, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

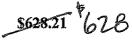
Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #029 for FO #207

Florida Design Contractors proposes to install Owner-furnished backflow preventers as requested by the Owner.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:



Please find attached for your information and use:

- Cost Proposal Summary Sheet #029
- FO #027

If you have any questions or require additional information, you may contact me via email at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive Lake Park, FL 33403 COST PROPOSAL Civil & Environmental Contractors PROJECT NAME: Yankee Lake WRF Phase I Improvements CIP #195201, WBS #10303004, CC-2098-07/DRR LOCATION: Seminole County, FL 07/14/08 Seminole County DRAWING NO.: OWNER: SPEC, SECTION: ENGINEER: **Boyle Engineering** REQUEST FOR PROPOS. REFERENCE TIME & MATERIAL: DESCRIPTION: Install OFE backflow preventers per FO #027. PRICING INFORMATION. SKILL/TRADE MAN-HOURS RATE COST 1. DIRECT LABOR Welder MH 70.00 \$ \$ 1.A GENERAL LABOR: Unskilled МН 40.00 80.00 MH \$ 45.00 \$ Skilled Operator МН \$ 49.00 \$ 1.B FIELD ENGINEERING: Foreman 4 МН \$ 55.00 \$ 220.00 Superintendent МН \$ 85.00 \$ Project Engineer MH \$ 90.00 Project Manager 2 MH 110.00 \$ 220.00 \$ Vice President МΗ \$ 135.00 \$ DAYS \$ 1.C DAILY GENERAL CONDITIONS Time Increase SUBTOTAL (1) 520.00 \$ Punchlist 1.5% Labor 7.80 OVERHEAD & PROFIT 15% 79.17 TOTAL (1) \$ 606.97 COST 2. MATERIALS AND EQUIPMENT DESCRIPTION WEEKS UNIT PRICE 2.A EQUIPMENT: Crane Truck \$3,000,00 | \$ Excavator \$2,300.00 \$ \$2,000.00 \$ Loader • Dewatering \$1,300.00 \$ \$1,500.00 \$ Backhoe Core Drill Rental \$450.00 \$ MATERIAL UNITS NOTED 2.B MATERIAL Equipment Fuel \$ 2% Eucled Equipment Costs \$ Small Tools / Consumable \$ 10,40 \$ \$. \$ \$ SUBTOTAL (2) \$ 10.40 2.C DIRECT COSTS: OVERHEAD & PROFIT 15% 1.56 TOTAL (2) 11,96 \$ 3. SUBCONTRACTORS **DESCRIPTION OF WORK** COST

Ву:		Ву:		Ву:	
	Engineer (Authorized Signature)		Owner (Authorized Signature)		Florida Design Contractors, Inc.
Date:		Date:		Date:	***************************************

OVERHEAD & PROFIT

ADDITIONAL INSURANCE (.55%) AND BONDING (.95%) COSTS:

SUBTOTAL (3)

TOTAL (3)

TOTAL (1)+(2)+(3)

1.5%

GRAND TOTAL

\$

\$

\$

3

\$

618.93

628.21

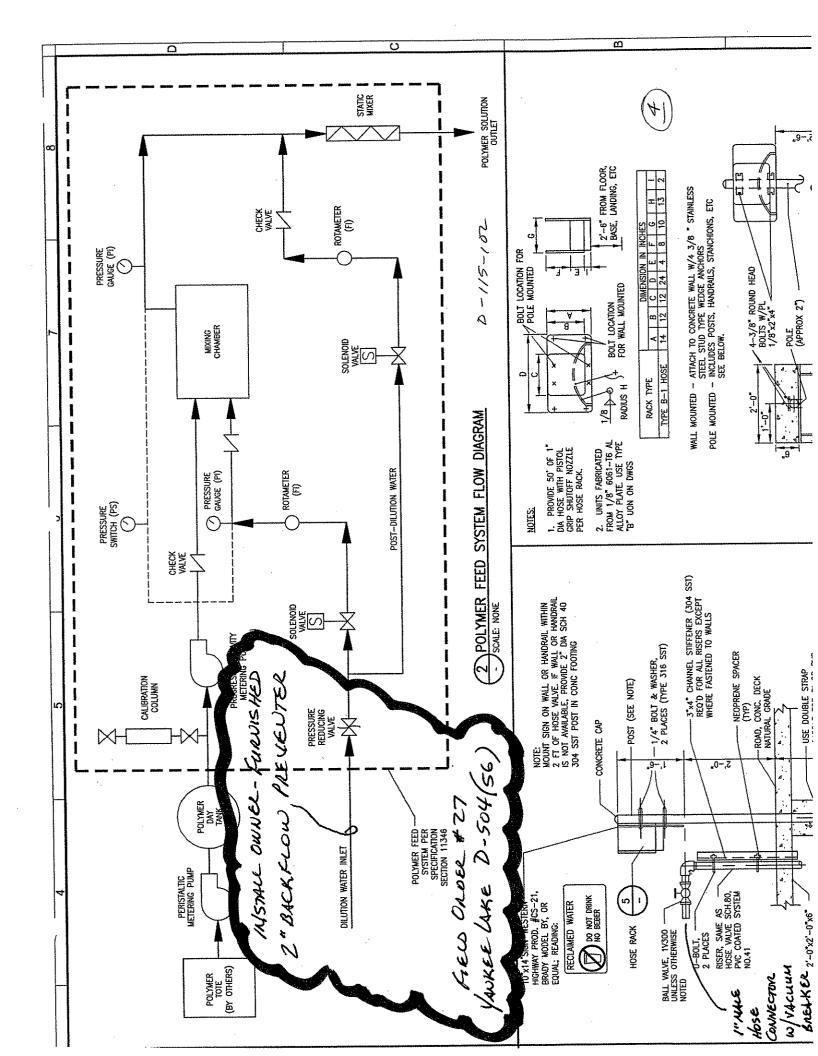
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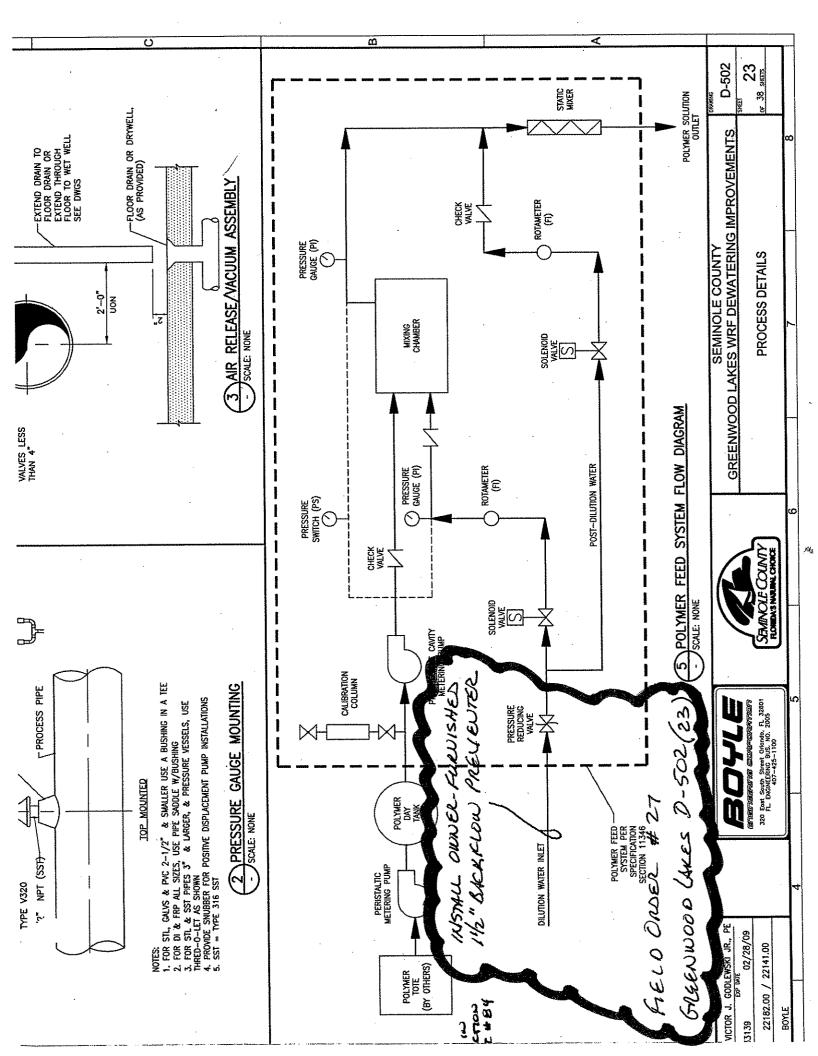


FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTOR:	Florida Design Construction	n FIE	LD ORDER NO:	027
PROJECT:	YL / GWL Re-Rate	PRO	DJECT NO:	361846.03
OWNER: <u>Semi</u>	nole County Environmental Se	ervices		
ENGINEER: B	oyle Engineering			
The following min	or changes in the work have bee	n ordered and aut	horized:	
Yankee Lake – 1. Install Owner	nges: kes Drawing D-502 (23) Drawing D-504 (56) -Furnished backflow prevente er to the attached marked up o	er on the potable detail 2 on D-50	e water line to 4 (56) and det	the Polymer system at tail 5 on D-502 (23).
Reason for Chang 1. Owner Requ	es: ested to protect potable water	r supply.		
Yankee Lake D	ng sheets and section(s) or detail(-504 (56) and Greenwood Lak		erence Specific	ation section(s)/paragraph(s):
D-502 (23)				
Price or Contract T binding upon OWN believes an adjustr	ield Order is to authorize minor varia imes and which are compatible with IER and also on CONTRACTOR who ment to the Contract Price or Contract e General Conditions.	the design concept o will perform the w	t of the complete ork promptly. If	d Project. This Field Order is OWNER or CONTRACTOR
Issued by Enginee	r:	Contrac	ctor Receipt Ack	nowledgement:
By: Danie	l D Amus	Ву:		
Authorized Re Date: 6/11	presentative ()	Title:		T.
		Date:	61	18/19
Copy: 1. Owner	3. Dean Garcia	5. Boyle		
2 Field File	4. Florida Design	•	LL – Docume	ent Control







To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Monday, July 28, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #031rev1 for RFI #127

Florida Design Contractors proposes to provide and install handrail and toe board bracket modifications as requested by the Owner.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:



Please find attached for your information and use:

- Cost Proposal Summary Sheet #031
- RFI #127
- Supplier quote

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive COST PROPOSAL Lake Park, FL 33403 Civil & Environmental Contractors 031rev1 CIP #195201, WBS #10303004, CC-2098-07/DRR PROJECT NAME: Yankee Lake WRF Phase I improvements DATE: LOCATION: Seminole County, FL DRAWING NO.: Seminole County OWNER: SPEC, SECTION: ENGINEER: Boyle Engineering REQUEST FOR PROPOS. TIME & MATERIAL: REFERENCE DESCRIPTION: Furnish and install handrall offset brackets as required per RFI #127. Sales tax included in pricing below. PRICING INFORMATION MAN-HOURS RATE COST **SKILL/TRADE** 70.00 \$ \$ Welder 1. DIRECT LABOR 160.00 МН \$ 40.00 \$ 1.A GENERAL LABOR: Unskilled МН 45.00 \$ Skilled 49.00 \$ МН Operator \$ MΗ \$ 55.00 220.00 4 1,B FIELD ENGINEERING: Foreman 85.00 \$ 85.00 Superintendent MH \$ MH \$ 90,00 \$ Project Engineer 220.00 Project Manager 2 MH \$ 110.00 \$ 135,00 MH \$ \$ Vice President 1.C DAILY GENERAL CONDITIONS Time Increase DAYS \$ \$ 685.00 SUBTOTAL (1) \$ Punchlist 1.5% Labor \$ 10.28 OVERHEAD & PROFIT 15% 104.29 799,57 TOTAL (1) \$ DESCRIPTION WEEKS UNIT PRICE COST 2. MATERIALS AND EQUIPMENT \$3,000.00 \$ 2.A EQUIPMENT: Crane Truck \$2,300.00 \$ Excavator \$2,000.00 Loader \$1,300.00 \$ Dewatering \$1,500.00 \$ Backhoe \$1,200.00 \$ Scissor Lift MATERIAL UNITS NOTED 2.B MATERIAL gupment (Sve) ed Equipment Costs Small Tools //Consumables 13,70 2% Labor Cost. 51.12 GRI Bracket #159 EA \$ 12.78 \$ 17.04 £Α 4.26 \$ GRI Bracket #261 \$ LS \$ 25.00 Shipping S SUBTOTAL (2) \$ 106.86 \$ 16.03 OVERHEAD & PROFIT 15% 2.C DIRECT COSTS: TOTAL (2) \$ 122.89 COST DESCRIPTION OF WORK 3. SUBCONTRACTORS

Ву:	Ву:	Ву:	
,	Engineer (Authorized Signature)	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	Date:	Date:	

OVERHEAD & PROFIT

ADDITIONAL INSURANCE (55%) AND BONDING (95%) COSTS:

SUBTOTAL (3) 5%

TOTAL (3)

TOTAL (1)+(2)+(3)

1.5%

GRAND TOTAL

\$

\$

\$

\$

\$

736.30

922.46

13.84

936.29



SEMINOLE COUNTY ENVIRONMENTAL SERVICES CAPITAL IMPROVEMENT PROGRAM REQUEST FOR INFORMATION - CONSTRUCTION

RFI Number	127 (revised response)
Project Name	Yankee Lake / Greenwood Lakes Re-Rate
Contractor	Florida Design Contractors
CIP Number	195201
WBS Number	10303004
Date Submitted	05/21/08
Prepared By	Allen Bigelow
Sheet Number	GWL D-101
Specification	05520

DATE STAMP - Received by Program Document					

Description of Request

- 1. In RFI #95, it was requested that the handrail at Greenwood Lakes be modified so that it stopped 2 feet short of the west side of the Andritz Control Panel and to install safety chain from that point to a post at the NW corner. The Owner would prefer not to have safety chain in this location. There are a couple of options. Please indicate which is preferred.
- a) Deflect the handrail out using spacers so that the end of the handrail is further off the stringers, which allows the door to open further.
- b) Install a section of removable handrail (there is a 2 foot section on the site) instead of the safety chain.

Forwarded By: Allen Bigelow

Title: Construction Manager

Date of Forwarding: May 21, 2008

Response to Request

Revised Response

Attached, please see the details from GRI for offsetting the handrail and toe board on the affected side of the walkway only. Confirm distance offset provided will allow the door to clear before proceeding. Both parts called out in the attached drawings are available from GRI with no delay.

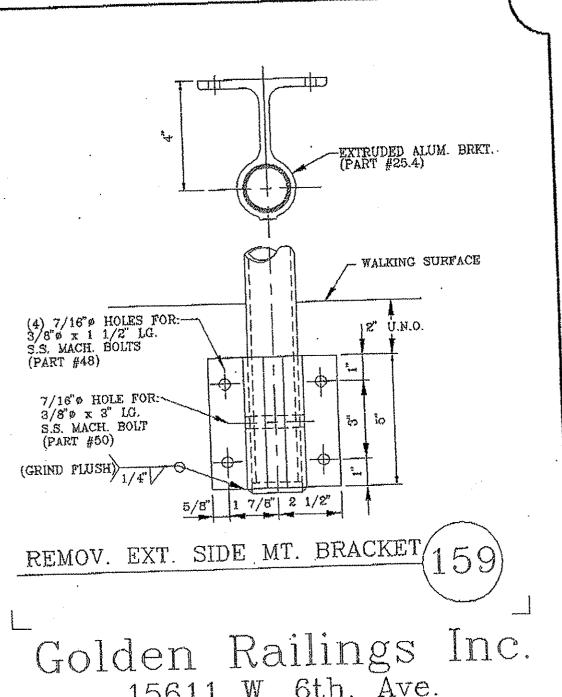
Responded By: Daniel S. Augusti

Title: Construction Manager

Date of Response: June 17, 2008

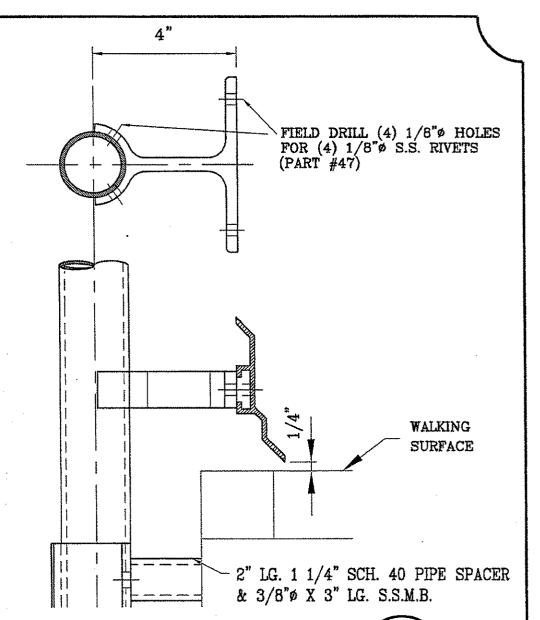
Date Returned to Contractor: June 17, 2008

Returned By: Allen Bigelow



Golden Railings Inc. 15611 W. 6th. Ave. Golden, Co. 80401-5051

> Ph. 303-279-5807 Fax 303-279-8429



"Z" TOE BOARD

W/ SIDE MT. BRKT. SPACERS

Golden Railings, inc.

720 Corporate Cir. "J" Golden, Čo. 80401-5626 PH: (303)-279-5807

FAX: (303)-279-6214

E-Mail: ÈNG@GOLDRAIL.COM

Golden Railings, inc.

720 CORPORATE CIRCLE UNIT J GOLDEN, CO 80401-5626



PHONE: 303-279-5807

EMAIL: SALES@GOLDRAIL.COM

FAX: 303-279-6214

OFFICE HOURS: 7:00AM - 4:00PM NON. - THURS. 7:00AM - 11:00AM FRI.

MISCELLANEOUS ESTIMATE

G.R.I. #7561

Date: 7/22/08

To: Florida Design

Attn: Jeff

Subject: Misc. Mechanical Aluminum Handrail Parts

[Lake Park, FL]

1-1/2" Sch. 40 6005-T5 Pipe

Arch. Class 1 Clear Satin Anodized, .7 MIL

SWESIAT

4 marin (100 marin	,				•
4 ea	Removable Side Mount Bracket	@	\$ 12.00 ea	<u>.</u>	48.00
4 ea		CO.	\$ 4.00 ea	\$	16.00
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	kip aj giai yan hape si kampi pi di an ki			•	

Terms: G.R.I. To Release Upon Payment

Thank you, Golden Railing Sales Team Rich Kane and Russ Mazurik



To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Saturday, August 16, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

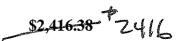
Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #032 for Field Order #029Rev

Florida Design Contractors proposes to remove vertical flange by flange spools between the 90 bends and flexible chutes and to furnish and install flange by plain end spool with Megaflanges in the horizontal portion of the cake sludge discharge piping (the flanged spools that are removed will be cut and re-used).

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:



Please find attached for your information and use:

- Cost Proposal Summary Sheet #032
- FO #029Rev
- Supplier quote

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive COST PROPOSAL Lake Park, FL 33403 NO : 032 Civil & Environmental Contractors CIP #195201, WBS #10303004, CC-2098-07/DRR PROJECT NAME: Yankee Lake WRF Phase I Improvements 08/13/08 DATE: Seminole County, FL LOCATION: DRAWING NO.: Seminole County OWNER: SPEC. SECTION: Boyle Engineering ENGINEER: REQUEST FOR PROPOS. REFERENCE Remove 24" long vertical spool pieces on the five Cake Sludge drop pipes. Install flexible hoses directly to the DESCRIPTION: 90 degree bends. Cut 24" spools pieces removed into 12" flg by plain spools and install on the horizontal prior to the 90" degree bends with Megaflanges. Note: FDC will reuse the existing flange accessories sets. No painting is included with this proposal. PRICING INFORMATION MAN-HOURS RATE COST **SKILL/TRADE** 70.00 \$ МН \$ Welder 1. DIRECT LABOR 40.00 MH \$ \$ 1.A GENERAL LABOR: Unskilled 360,00 MH \$ 45.00 \$ Skilled 8 49.00 \$ Operator MH \$ 440.00 ΜН 55.00 \$ 8 1.B FIELD ENGINEERING: Foreman MH 85.00 \$ Superintendent \$ MH \$ 90.00 \$ Project Engineer 220.00 110.00 \$ 2 MH \$ Project Manager 135.00 \$ MH Vice President 53 1.C DAILY GENERAL CONDITIONS Time Increase DAYS \$ 1,020.00 SUBTOTAL (1) \$ 15,30 Punchlist 1,5% Labor \$ 155,30 OVERHEAD & PROFIT TOTAL (1) \$ 1,190.60 UNIT PRICE COST WEEKS DESCRIPTION 2. MATERIALS AND EQUIPMENT \$3,000.00 \$ 2.A EQUIPMENT: Crane Truck \$2,300.00 \$ xcavator \$2,000.00 \$ Loader \$1,300.00 | \$ Dewatering \$1,500.00 | \$ Backhoe 240.00 \$1,200.00 \$ 0.2 Scissor Lift UNITS NOTED 2.B MATERIAL MATERIAL 19.20 Equipment Fuel 8% Fueled Equipment Cost \$ 20.40 2% Labor Cost Small Tools / Consumables 755,25 151.05 \$ 8" MegaFlange Adapters EΑ \$ 2 \$ 1,034.85 SUBTOTAL (2) \$ 155.23 OVERHEAD & PROFIT 2.C DIRECT COSTS: TOTAL (2) \$ 1,190.08 DESCRIPTION OF WORK COST 3. SUBCONTRACTORS SUBTOTAL (3) \$ OVERHEAD & PROFIT

By: By: By: Florida Design Contractors, Inc.

Engineer (Authorized Signature) Date: Date: Date:

ADDITIONAL INSURANCE (.55%) AND BONDING (.95%) COSTS:

TOTAL (3)

TOTAL, (1)+(2)+(3)

1.5%

GRAND TOTAL

\$

\$

\$

\$

2,380.67

2,416.38

35.71



FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTOR	Florida Design Construction	on	FIELD ORDER NO:	029 Revised
PROJECT:	YL / GWL Re-Rate		PROJECT NO:	361846.03
OWNER: Sem	ninole County Environmental Se	rvices		
ENGINEER:	Boyle Engineering	***************************************		
	or changes in the work have been	ordered and au	thorized:	
Description of Cha Greenwood La 1. Remove 24" directly to the 90	kes – Drawing S-502 (15) and long vertical spool pieces on th	I D-301 (21) ne five Cake S	ludge drop pipes.	Install the flexible hoses
2. Install 12" lo	ng horizontal spool pieces on th in item #1 for materials along w	ne five Cake S rith mega-flang	ludge drop pipes. ges.	It is acceptable to use the
Reason for Chang	es:			
	re clearance between the truck	trailer and the	pipes	
	nter the drop pipes to the truck t			
Reference Drawin	g sheets and section(s) or detail(s):		Reference Specificat	ion section(s)/paragraph(s):
D-301 (21)				
Contract Times and OWNER and also o	eld Order is to authorize minor variation which are compatible with the design on CONTRACTOR who will perform the or Contract Times is necessary, the particular to the contract Times is necessary.	concept of the cor work promptly. I	mpleted Project. This f OWNER or CONTR	Field Order is binding upon ACTOR believes an adjustment to
Issued by Engineer:		Cont	ractor Receipt Ackno	wledgement:
By: Authorized Rep	Vision to the same of the same	By:		2
Date:	130/08	Title:	8/0	4/83
/		Date:	11.	9
Copy:				
l. Owner	3. Dean Garcia	5. Boyle	· ·	
2. Field File	4. Florida Design	6. CH2M HII	LL – Document C	ontrol

MELD ONDER \$29 REVISED GREENWOOD LOKES D-301(ZI) PIPE SUPPORT, TYP 8 BEND 90, LONG RADIUS 8 BEND 90. LONG RADIUS REMOVE 24" SPOOL 400 12" LONG SPOOL. IT 15 ACCEPTABLE TO USE FLEXIBLE MATERIAL FROM THE REMOVED SPOOLS ALONG CHUTE WITH MEGA FLANGES. TRUCK LOADING **AREA** 8 KNIFE GATE VALVE (8V195), TYP OF 5 GWL-V-7 8 TEE TOP OF NEW ROADWAY TO MATCH TOP OF CONCRETE FOR PIPE SUPPORT EL=47.5'

Greg Williams

From:

Smith, George [HDS] [George.Smith2@hdsupply.com]

Sent:

Wednesday, August 13, 2008 5:16 PM

To:

Greg Williams

Subject: RE: Megaflange

- 6% 18x

Greg,

The last few times we sold them to you, we billed them at \$ 135.00 each.

They should probably be \$(142.50/-- based on replacement cost with standard electrogalvanized bolts.

Pricing for SS bolting is Price on Application.

Does that give you enough?

George M. Smith Account Manager

1101 West 17th Street Riviera Beach, Fl 33404

Phone 561-848-4396 Fax 561-845-7267

Cell 561-329-8925



CONFIDENTIALITY NOTICE:

This e-mail message (including any attachments) is intended solely for the use of the addressee(s) and may contain information that is proprietary, privileged, confidential or otherwise legally exempt from disclosure. If you are not the intended recipient of this e-mail message, you are not authorized to review, print, copy, disseminate, disclose or use this message, or otherwise take any action in reliance upon this message or its contents. If you have received this message in error, please notify the sender immediately and delete this message and all copies thereof from your computer systems (including servers, laptops, handheld devices and back-up systems).

From: Greg Williams [mailto:gwilliams@floridadesigncontractors.com]

Sent: Wednesday, August 13, 2008 5:09 PM

To: Smith, George [HDS]

Subject:

What's the cost for a 8" Mega Flange?

8/13/2008



To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Thursday, September 4, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #033 for Field Order #033

Florida Design Contractors proposes to furnish and install angle and all-thread additions to existing cake sludge discharge pipe supports at Greenwood Lakes.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:

_\$5,815.67 +5816

Please find attached for your information and use:

- Cost Proposal Summary Sheet #033
- FO #033
- Supplier quotes

At this time, Florida Design Contractors is requesting 2-day time extension for the Greenwood Lakes project for work and administration associated with this scope change. In the event that the additional work extends the project past the original contract time,

Florida Design will submit a claim for general conditions cost per each day associated with the extension.

If you have any questions or require additional information, you may contact me via e-mail at <u>jholst@floridadesigncontractors.com</u> phone 561-845-1233 ext.103, fax 561-848-5992.

1326 South Killian Drive • Lake Park, Florida 33403 • (561) 845-1233 • Fax: (561) 848-5992

FLORIDA DESIGN.	1	DESIGN CONTRACTO 326 S. Killian Drive .ake Park, FL 33403	RS			COST PROPOSAL	
CONTRACTORS		& Environmental Contractors			NO.:	033rev1	
Total Control of the	inkee Lake WRF Phase I Impi	rovements				VBS #10303004, CC-20	98-07/DRR
********	eminole County, FL				DATE:	09/04/08	
•	eminole County				DRAWING NO.		
	yle Engineering			····-	SPEC. SECTIO		
REFERENCE	TIME & MATERIAL:	RF(QUEST FOR PI		×		
		udge pipe supports as requir				elow include	
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		-					

				Hard Constraint			
•	PRI	CINGINFORMATION	-				
		METATE & SERVING & SAFE	***********	200	C) A TP	000*	
		SKILL/TRADE	MAN-HOU		RATE	COST	
I. DIRECT LABOR		Welder		MH	\$ 70.00		1,120.00
1.A GEN	ERAL LABOR:	Unskilled		MH			-
		Skilled		MH MH	\$ 45.00 \$ 49.00	\$ \$	
4 D E121	D ENGINEERING:	Operator Foreman		MH		\$	880,00
i.b ritli	D ENGREENING.	Superintendent		MH		\$	340.00
		Project Engineer		MH	\$ 90.00	\$	
		Project Manager		MH	\$ 110.00	\$	220.00
		Vice President		мн	\$ 135.00	\$	
1.C DAILY	GENERAL CONDITIONS	Time Increase	2	DAYS	\$ -	\$	-
				SUE	STOTAL (1)	\$	2,560.00
				Punchli	st 1.5% Labor	\$	38.40
		OVERHEAD & PROFIT			15%	\$	389.76
				T	OTAL (1)	\$	2,988.16
Z. MATERIALS AND	EQUIPMENT	DESCRIPTION	WEEKS		UNIT PRICE	COST	
	·						
2.A EQU	PMENT:	Crane Truck Excavator			\$3,000.00 \$2,300.00		
		Loader			\$2,000.00		
		Dewatering			\$1,300.00	*	
		Backhoe				\$	-
		Scissor Lift	0.4		\$1,200.00	\$	480,00
2.B MATE		MATERIAL	UNITS NO				
		Equipment Fuel (1) 4 - p. 4 -				\$	38.40
		Small group/Consumables		Labore		\$	51.20
		5/8" Galv All-Thread @ 12'	10	EA	\$ 26.50	<u> </u>	265.00 / 126.56 (1
		5/8" Turnbuckle	12	EA	\$ 10.55	1 · · · · · · · · · · · · · · · · · · ·	
		3"x3"x1/2" Steel Angle 4"x4"X1/2 Steel Angle	2 2	EA EA	\$ 199,28 \$ 271.36		398.56 / 542.72 /
		4" X4" X 1/2 Steel Angle 5/8" Galv Nuts		LS	φ 2/1,30	\$	25.00
		An Agus vario		40	<u> </u>	\$	
				SU	I STOTAL (2)	\$	1,927.44
2 C DIDE	ECT COSTS:	OVERHEAD & PROFIT		<u> </u>	15%	\$	289.12
2.0 DINE				т	OTAL (2)	\$	2,216.56

3. SUBCONTRACTO	ORS	DESCRI	TION OF WOF	K.		[COST	
Southland Painting C	orp.	Paint angle and touch	-up existing su	ports at	welds	\$	500.00
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						<u> </u>	
			,				
				SU	BTOTAL (3)	\$	500.00
OVERHEAD & PRO	FIT				5%	\$	25.00
					OTAL (3)	\$	525.00
				TOTA	AL (1)+(2)+(3)	\$	5,729.72
ADDITIONAL INSUR	RANCE (\$5%) AND BONDIN	G (95%) COSTS.			1.5%	\$	85.95
				GR	AND TOTAL	\$	5,815.67
			CONTRACTOR OF THE PARTY OF THE	man and selection			
Bv:		By:		By;			

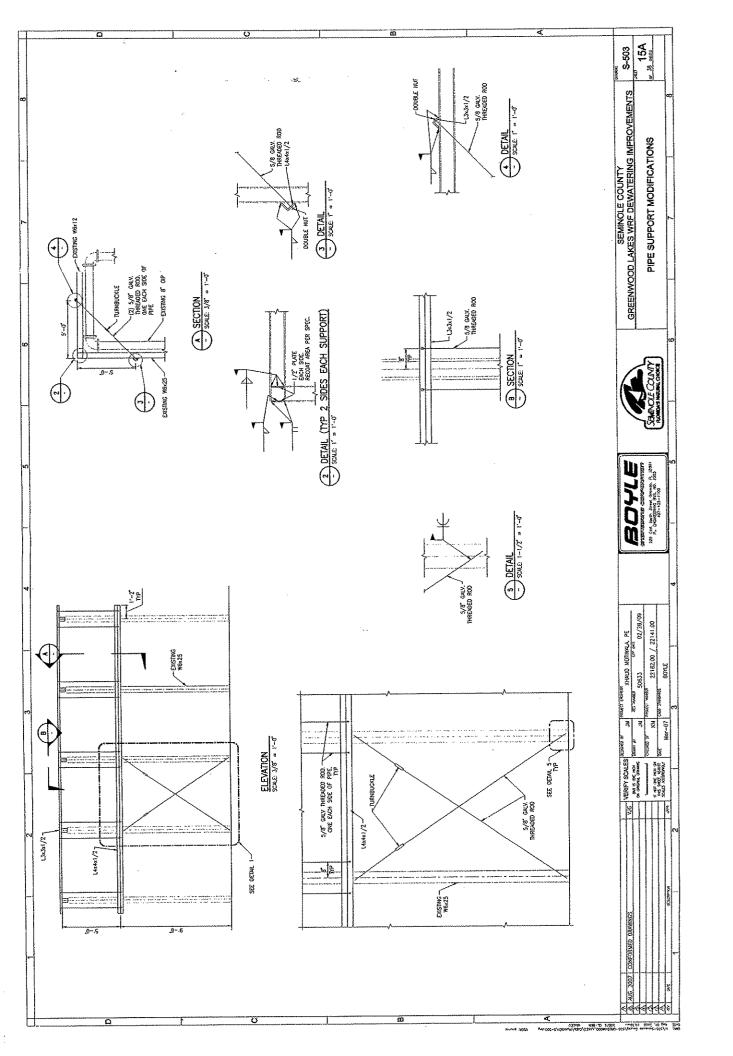
Ву:	By:	By;	
	Engineer (Authorized Signature)	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	Date:	Date:	

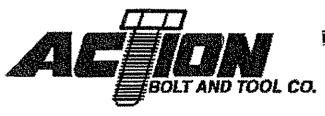


# FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

# CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTO	R: Florida Design Construction	FIELD ORDI	ER NO: <u>033</u>
PROJECT:	YL / GWL Re-Rate	PROJECT N	O: <u>361846.03</u>
OWNER: Se	ninole County Environmental Servic	es	
ENGINEER:	Boyle Engineering		
The following mi	nor changes in the work have been orde	red and authorized:	
Description of Cl Greenwood L	anges: akes Cake Sludge Pipe Supports ications to the Cake Sludge pipe su		ed drawing.
Reason for Chang  1. To resist un			
Reference Drawii S-503 (15A)	ng sheets and section(s) or detail(s):	Reference Sp	ecification section(s)/paragraph(s):
OWNER and also	eld Order is to authorize minor variations to be which are compatible with the design concern CONTRACTOR who will perform the work or Contract Times is necessary, the party ma	pt of the completed Project promptly. If OWNER or (	ct. This Field Order is binding upon
Issued by Engineer	: /	Contractor Receipt	Acknowledgement:
By:Authorized Re	presentative	Ву:	
Date: 🗾 🚉	12 /08	Title:	V.Y.
0		Date:	9/12/18
c _{opy:} 1. Owner	3. Dean Garcia 5. 1	Boyle	/ /
2. Field File	4 TH + +	H2M HILL - Docum	ent Control





TO:

1

2



# **QUOTATION**

QUOTE DATE QUOTE NUMBER

09/03/08

32946

PLEASE REFER TO THIS QUOTE NUMBER WHEN ORDERING.

PHONE: 561-845-1233

FAX: NO FAX #

ENTERED BY: DD

FLORIDA DESIGN IRRIGATION ATTN: MIKE 1326 S KILLIAN DR LAKE PARK FL 33403

F. O. B. Terms SHIPPING POINT NET 30 DAYS

Effective Our Representative

DAVID DODD

Part Number/Description Qty

UM

Price

Ext Price

62C1440ORODOG

5/8-11 X 12 FT ALL THREAD ROD STEEL H. D. G.

PC

25.00

/QUOTE-SPECIAL-EA

EA

9, 95



5/8 X 6 EYE & EYE TURNBUCKLE STK- TAMPA (2 DAYS)

TOTAL:



# A-1 Industrial Supply Inc

1801 Hypolano Road Lautonii PL 33462 (561) 588-0602 Palm Bunch (954) 421-9311 Brownerd Fax: (361) 588-1077

TO: Florida Design Construction ATTN: Mike

9/3/08

QUOTE

<u> </u>			<u>EDDAT:</u>	6º10
1	3 x 3 x 1/2 HR Angle 20'	\$	188.00	<i>0</i> 14 ,
1	4 x 4 x 1/2 HR Angle 20'		256.00	
1	1/2 x 2 HR Flat 20'			
		TOTAL \$		

Prices good for 10 days from date of quote.

Rose Gehring - Pres.



# Industrial Painting - Sandblasting Waterproofing - Cementitious Coatings



Florida Design Contractors 1326 South Killian Drive Lake Park, FL 33403 September 4, 2008

**SPC 2744** 

Attention: Mr. Jeff Holst, Project Manager

**RE:** FIELD ORDER # 33

YANKEE LAKE/GREENWOOD LAKES

In reference to the aforementioned project, we hereby have the pleasure to quote you our price as follows:

#### Our Price includes:

Painting and touch up of new welded areas of the pipe support modification

**TOTAL PRICE:** 

\$ 500.00

Sincerely Yours Southland Painting Corp.

Cliff Dykes (321) 960-3310 Vice President Field Order 33 weld touch up yankee lake Florida design spc 2744



To:

Allen Bigelow

Company:

**CH2M Hill** 

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

Fax No.

407-323-5396

407-665-2055

Date:

Thursday, August 28, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

**Seminole County** 

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #034 for Field Order #034

Florida Design Contractors proposes to install the drain trench under the Greenwood Lakes Belt Filter Press as directed per FO #034.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:

<del>\$7,184.07</del> \$7184

Please find attached for your information and use:

- Cost Proposal Summary Sheet #034
- FO #029Rev
- Supplier quotes

If you have any questions or require additional information, you may contact me via email at <u>jholst@floridadesigncontractors.com</u> phone 561-845-1233 ext.103, fax 561-848-5992.

1326 South Killian Drive • Lake Park, Florida 33403 • (561) 845-1233 • Fax: (561) 848-5992

FLORIDA		. DESIGN CON I 326 S. Killian Dri		5.5	Ì					1	
DESIGN.		ake Park, FL 334						COST PRO	POSAL	1	
CONTRACTORS >	Civil	& Environmental Cont	ractors		ger gegen and a		NO.:		034		
PROJECT NAME: Yar	nkee Lake WRF Phase I Imp	rovements	Carlo History			CIP#	195201 V	/RS #10303	004, CC-209	8-07/DRR	
***************************************	minole County, FL	104CHOILES				DATE	<del></del>	100 11 10000	08/27/08	3 077,51111	
	minole County		***************************************			DRAV	WING NO.				
ENGINEER: BOY	yle Engineering					SPEC	. SECTIO	N:			
	THAT A MATTERIAL		DEO	UEST FOR PI							
REFERENCE DESCRIPTION: Ins	TIME & MATERIAL: tall a drain trench under th	e Belt Filter Press				or dr	x ain, Apply	expov arou	ıt	1	
	ide a smooth bottom. Reco										
						12			7/4	·····	
Note: Cutting of the	ne concrete trench has	been quoted on	a nouny i	basis. FDC	nas es	uma	tea 24 n	ours or cu	tting.		
100000000000000000000000000000000000000			SOURCE CONTRACTOR								
	PRI	CINGINFORM	MATION							•	
		SKILL/	TRANE	MAN-HOU	29		RATE		COST	- 1	
1. DIRECT LABOR		Welder	111111		мн	\$	70.00	s			
	ERAL LABOR:	Unskille	d		мн	\$		\$			
		Skilled			МН	\$		\$		720.00	
p par purkant on	· mikemikemmonekem.	Operato			MH	\$	49.00	\$		440.00	
1.8 FIELD	ENGINEERING:	Forema Superin	n tendent		MH MH	\$	55.00 85.00	\$		440.00	
		B	Engineer		мн	\$	90,00	\$		·	
		Project	Manager	2	МН	\$	110.00	\$		220.00	
4 C DAILY	CENTERAL CONTITIONS	Vice Pro		4	MH	\$	135.00	\$			
1,C DAILY	GENERAL CONDITIONS	Time In	Crease	4			AL (1)	S		1,380.00	
							% Labor	\$	- domination of the second of	20.70	
		OVERHEAD & PRO	)FIT			15%		\$		210.11	· •
					T	OTAL	. (1)	\$	ere v v v v v v v v v v v v v v v v v v	1,610.81	
2. MATERIALS AND	EQUIPMENT	DESCRIPTION	ON	WEEKS	>	UNI	TPRICE		COST		
2.A EQUI	PMENT:	Crane Truck				\$	3,000.00	\$		-	:
		Excavator					2,300.00	\$		-	į
		Loader					2,000.00 1,300.00	\$		-	
		Dewatering Backhoe					1,500.00	\$		-	ĺ
		Scissor Lift					1,200.00	\$		-	
2,B MATE	RIAL	MATERIA		UNITSING							
		Equipments uel	in in the second	#8% fuele				\$		- 27.60	
		Gmäll@celsu.consu 53# Grout Aggregat	e Te	5	BAG	\$	21.20	\$		106.00	
		Epoxy mix		1	EA	\$	351.92	\$		351.92	
									***************************************		
								\$			
		<u> </u>			<b> </b>	<b> </b>		\$			
					SU	зтот	AL (2)	\$		485.52	
2.C DIRE	CT COSTS:	OVERHEAD & PRO	OFIT			159		\$		72.83	_
					T	OTAL	. (2)	\$		558.35	
3. SUBCONTRACTO	RS		DESCRIP	TION OF WO	RK				COST		
Spec	ey Concrete		Cut	drain trench				\$		-3 <del>.750.00</del>	3749.75
	outhland		Apply coat	ings to new tre	nch			\$		925.00	
							·				
		1			su	втот	AL (3)	\$	<del></del>	4,675.00	ac7475
OVERHEAD & PROF	TT .				l	5%		\$		_233.75	235.74
					The second second second	OTAI	. (3)	\$		<b>-4</b> ,908 <del>.75</del> -	4908.49
					TOTA		+(2)+(3)	\$		7,077.90	7077.65
ADDITIONAL INSUR	ANCE (£5%) AND BONDIN	G (,95%) COSTS				1.59	% TOTAL	\$		106.17 7,184.07	106.16
					l or	-111D	· O : ML	1		1,104.01	
		D.e.			Dec						7183.81
By: Engineer (A)	uthorized Signature)	By: Owne	er (Authoriza	ed Signature)	_By:		Florie	da Design C	ontractors, In	c.	
Date:		Date:	V		_Date:	*****					

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		<b>SDEEDV</b>
}	0	
1		CONCRETE CUTTING OF
Y		CONCRETE CUTTING OF CENTRAL FLORIDA, INC.
-		

CUSTOMER # CF 4 0 300 (A)

COMPANY NAME Florida Design

STREET ADDRESS 1376 - S. Kill

QUOTED BY

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CITY, STATE, ZIP LAKE PERSON REQUESTING BID

8-25-08

1000 Charles Street Longwood, FL 32750 (407) 786-3766 Toll Free: (800) 556-5153 Fax: (407) 786-3769 Www.speedycon.com	
Contractors	
in D	ľ
da 33405	
FEICE PHONE 66-845-1222	

TOUD 🔀	ATION	N		□ <b>Job</b>	
JOB ADDRESS 701 Green	was	/	C	LK MARY	
JOB NAME WWTP				IAP PAGE	
CROSS STREET/DIRE			***************************************		
JOB PHONE 561 718-2224	P.O. NI	MBER		JOB NUMBER	
JOB ORDERED BY		DATE ORDER	ED	ORDER TAKEN BY	
WORK LAID OUT PRIC SPEEDY ARRIVAL	A TO	GENERAL O			
WHERE TO MEET			···········		
JOB START DATE	DAY &	TIME	SE	E ON JOB	

"OSHA WARNING"

To ensure compliance with the OSFIA Standards for the Construction Industry governing Electrical Hazards, specifically 1926.416(a)(1),(2),(3) and to safeguard employees involved in construction work our policy is that all electrical circuits within our areas of work will be deenergized and LOTO's performed or utility locates provided by the customer before any work begins. At the job site, the operator shall ascertain by inquiry and direct observation that the customer has deenergized the electrical power circuit and performed LOTO before any work is performed-Or-Utility Locates have been performed by a licensed service and customer can provide confirmation. These explicit agreements will be acknowledged by the customer signature prior to any work being scheduled.

HOURS	QUANTITY	DESCRIPTION OF WORK	UNIT	PRICE
		H/s - Chip		
	2.4	1'X 0" to 2" deep trech in		
		concrete 5.0.6 out &		
		concrete 5.0.6 out +		
			\$156 35 P	···
	1	3437.50	ا حر ·	Hour
		72 12 1 36.23		
		mwel 100,00		
		3537.50		
		6°674× 3749.75		

STANDARD EXCLUSIONS: The following items are being excluded from the scope of work being offered by Speedy Concrete Cutting inc. and is solely the responsibility of the contractor. 1. Locating and marking all utilities within, adjacent to, or affected by this work. 2. Capping or relocating any utilities as required to perform this work to prevent damage. This includes but is not limited to buried utilities within 8" of the bottom of the slab. 3. Protection and cleaning of the structure and adjacent surfaces due to water, sturry, and dust. 4. Barricading and safeguarding openings. 5. Shoring and Bracing of areas to remain. 6. Protection of Pedestrians and Pedestrian traffic areas. 7. Furnishing or Maintaining any type of MOT requirements. 8. Layout to define sawcutting or limits of demolition. STANDARD CONDITION: One Mobilization is included. The work will be performed during normal weekday hours. Once on site, unforeseen delays to our work will be charged at a rate of \$125.00 per hour per man. IEBMS OF PAYMENT: Are not 30 days with no retainage. Current Insurance Coverages are acceptable. No Bonding is included. No consideration extended for controlled insurance Programs. If action or suit brought by Speedy Concrete Cutting to collect any amount due or owing under this bill, customer agrees to pay all costs of collection including reasonable attorney's fees plus inferest at the rate of 1.5% per month (18% per annum). Prices subject to change if conditions on job vary from quotation.

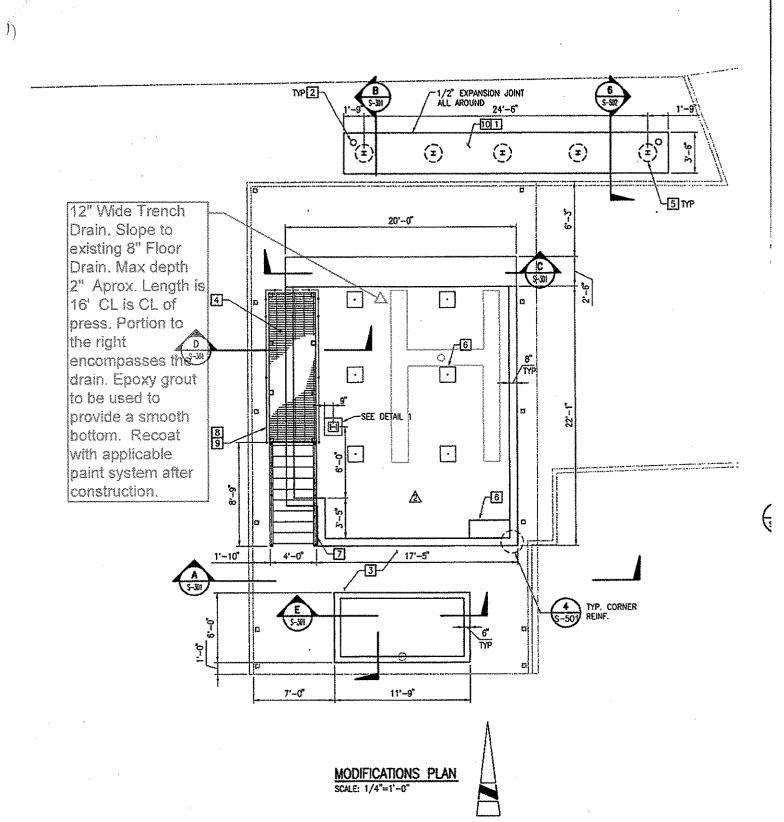
NO YES		NO YES		
VATER AVAILABLE Distanc			ACKNOWLEDGED BY	
// marks	VACUUM REQUIRED			SIGNATURE
LEC. AVAILABLE Dietano	MAN REQUIRED		☐ CUSTOMER	
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RUCK TO WORK AREA Distance	North Control of the	NT\custo	MER	
FORM CO. 100 CE	<u> </u>	74->	CTTATAT	SIGNATURE



# FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

# CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTOR:	Florida Design Construction		FIELD ORDER NO:	034
PROJECT:	'L / GWL Re-Rate		PROJECT NO:	361846.03
OWNER: Semino	ole County Environmental Serv	/ices		
ENGINEER: Bo	yle Engineering			
	changes in the work have been or	rdered and au	thorized:	
Greenwood Lake 1. Install a drain to		ss per the at	tached drawing.	
Reason for Changes:  1. To allow for be	tter drainage in the containmer	nt area		
Reference Drawing s GWL S-101 (12)	sheets and section(s) or detail(s):		Reference Specifica	ntion section(s)/paragraph(s):
Contract Times and will OWNER and also on C	Order is to authorize minor variations nich are compatible with the design coconTRACTOR who will perform the wontract Times is necessary, the party	oncept of the covork promptly.	ompleted Project. The If OWNER or CONTI	is Field Order is binding upon RACTOR believes an adjustment to
Issued by Engineer:	(n-n /)	Cor	ntractor Receipt Ackn	owledgement:
By: Authorized Repres	entative .	Ву:		<u></u>
Date:	2/00	Title	e: <u>V.1</u>	V
		Date:	9/12	119
Copy: 1. Owner 2. Field File		5. Boyle 6. CH2M H	ILL – Document	Control



2007 CONFORMED DRAWINGS

VJG
BAY IS ONE NCH
ON ORIGINAL DRAWING
CGR
50633

02/2B/09

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1000 Charles Street Longwood: EL 32750 Phone: 407/786:3766 Fax:: 407/786:3769

# **FACSIMILE TRANSMITTAL**

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To Ensure Compliance with the OSHA Standards for the Construction Industry Governing Electrical Hazards, Specifically 1926.416(a)(1),(2),(3), and to Safeguard Employees Involved in Construction Work, Our Policy is that All Electrical Circuits within Our Areas of Work Will be De-Energized and L.O.T.O.'s Performed—OR—Utility Locates Provided by the Customer Before Any Work Begins.

At the Job Site, the Operator Shall Ascertain by Inquiry and Direct Observation that the Customer has De-Energized the Electrical Power Circuit and Performed L.O.T.O. Before Any Work is Performed -OR- Utility Locates have been Performed by a Licensed Service and Customer can Provide Confirmation. These Explicit Agreements will be Acknowledged by the Customer's Signature Prior to Any Work being Scheduled.

### **Utility Locate Companies**

Ground Hound Detection Services South Florida: 561-737-9800 Central & North Florida: 407-658-1030 Sunshine State One Call of Florida 800-638-4097 Earth View Precise Utility Locating 239-434-5200



# **Epperson & Company**

SPECIALIZING IN INDUSTRIAL HARDWARE, CONVEYOR BELTING & COMPONENTS"

5202 Shadowlawn Ave. Tampa, Florida 33610 Phone (813) 626-6125 Fax (813) 626-8806 Watts (800) 886-6125 E-Mail sales@eppersonco.com http://www.eppersonco.com

Fax Quote--May 21, 2008

COMPANY

:FLORIDA DESIGN

NAME

:JEFF

FAX#

:561-848-5992

olo HAX

QTY	DESCRIPTION	UNIT	EXT.
1	ESCOWELD 7505E GP115K 40# UNIT 2.4 CU FT		\$332.00
5	ESCOWELD 7530 GP115A 53# BAG AGGREGATE	\$20.00	\$100.00
			<u>.</u>
	,		
	Total		

TERMS: CREDIT CARD OR ACCOUNT UPON APPROVEL

FOB

:S/P

DELIVERY

:2 WEEKS

APPLICABLE SALES TAX NOT INCLUDED

THIS QUOTE GOOD FOR 30 DAYS
THANK YOU FOR THE OPPORTUNITY TO QUOTE ON YOUR REQUIREMENTS

SINCERELY

LOUIS PAREE



Florida Design Contractors 1326 South Killian Drive Lake Park, FL 33403

August 30, 2008

S.P.C. Job # 2774 0 # 11384

Attention: Mr. Greg Williams, Vice President

RE:

YANKEE LAKE WRF PHASE 1 IMPROVEMENTS

GREENWOOD LAKES WRF BIOSOLIDS DEWATERING IMPROVEMENTS

SEMINOLE COUNTY

SUBJ: Revised trench Drain at BFP Containment area

Dear Mr. Williams

In reference to the aforementioned project, we hereby quote you our price as follows:

Our price does not include:

Surface coating with epoxy grout

Our price does include:

Painting as per section 09900 and 09980.

GREENWOOD LAKES WRF CHANGE TO COMPLETED CONTAINMENT: \$ 925.00

Hoping to be favored with your order, I remain

Sincerely Yours

Southland Painting Corp.

Cliff Dykes (321) 960-3310

Vice President

Q11384 Modification to Containmeent at Greenwood yankee lakephase 1 improvements seminole county



To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Monday, September 22, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

**Seminole County** 

Yankee Lake WRF Phase 1 Improvements

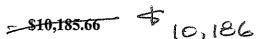
Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #036 for RFI #167

Florida Design Contractors proposes to furnish and install material necessary for MOVs at Yankee Lake per the response to RFI #167

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:



Please find attached for your information and use:

- Cost Proposal Summary Sheet #036
- RFI #167 Response
- Supplier quotes

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

Engineer (Authorized Signature)

Date:

Date:

### FLORIDA DESIGN CONTRACTORS

DESIGN		1326 S. Killian Drive Lake Park, FL 33403				COST PROPOS	AL 36	
	Civil	l & Environmental Contractors			NO.:	v Sale de la		
ROJECT NAME:	Yankee Lake WRF Phase I Imp	provements			CIP #195201, W	VBS #10303004,	CC-2098-07/DRR	
LOCATION:	Seminole County, FL	<u></u>	······································		DATE:		22/08	
OWNER:	Seminole County				DRAWING NO.	•		
ENGINEER:	Boyle Engineering	(-10-00-00-00-00-00-00-00-00-00-00-00-00-			SPEC. SECTIO	<del></del>		
ENGINEER.	Doyle Engineering							
EFERENCE	TIME & MATERIAL: Furnish and install material p	RE per direction in response to RI	QUEST FOR PI FI#167. Pricing		x includes sales	tax.		
	<u>P.R</u>	ICING INFORMATION SKILL/TRADE	<u>I</u> MAN-HOU	eDe	RATE	c	оѕт	
		Welder		MH		\$		
DIRECTLABO		vveider Unskilled		MH		\$		
1.A G	ENERAL LABOR:	Skilled	<u> </u>	MH		\$		
		Operator		MH		\$		
40.5	IELD ENGINEERING:	Foreman		мн		\$		
1.8 F	ELD ENGINEERING.	Superintendent	<del> </del>	мн		\$	-	
		Project Engineer		МН		\$	-	
		Project Manager	2	МН	\$ 110,00	\$	220.00	/
		Vice President		мн	\$ 135,00	\$	-	
1.C DA	ILY GENERAL CONDITIONS	Time Increase		DAYS	\$ -	\$	-	
					STOTAL (1)	\$	220.00	/
					st 1.5% Labor	\$	3.30	1
		OVERHEAD & PROFIT			15%	\$	33.50	1
				T.	OTAL (1)	\$	256.80	,
								1/
				STATE OF THE PARTY OF	egest edepartment of the control of the			
. MATERIALS A	AND EQUIPMENT	DESCRIPTION	WEEK	STATE OF THE PARTY OF	UNIT PRICE		:OST	
		DESCRIPTION Crane Truck	WEEK	STATE OF THE PARTY OF	egest edepartment of the control of the	<u> </u>		
	ND EQUIPMENT		WEEK	STATE OF THE PARTY OF	UNIT PRICE	C   \$		
		Crane Truck	WEEK	STATE OF THE PARTY OF	UNIT PRICE \$3,000.00	\$ \$	OST	
		Crane Truck Excavator Loader	WEEK	STATE OF THE PARTY OF	\$3,000.00 \$2,300.00	\$ \$ \$	COST	
		Crane Truck Excavator	WEEK	STATE OF THE PARTY OF	\$3,000.00 \$2,300.00 \$2,000.00	\$ \$ \$ \$	COST	
		Crane Truck Excavator Loader Dewatering		S	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00	C	:OST	
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2.A E	QUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment rules Control Boards for O/C Valves	UNITS NO	S S S S S S S S S S S S S S S S S S S	### UNIT PRICE  \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  ################################	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		/6.5°le 4981 /573
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2.A E  2.B M/	QUIPMENT:  ATERIAL  DIRECT COSTS:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  BRICOST \$623.03	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,40 4,984.20	4981 1 1573
2.A E  2.B M/	QUIPMENT:  ATERIAL  DIRECT COSTS:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  BRICOST \$623.03	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,984.20 	4981 1 1573
2.A E 2.B M/	QUIPMENT:  ATERIAL  DIRECT COSTS:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  BRICOST \$623.03	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,40 4,984.20	4981 1 1573
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2.A E 2.B M/	QUIPMENT:  ATERIAL  DIRECT COSTS:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  BRICOST \$623.03	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,40 4,984.20	4981 1 1573
2.A E  2.B M/  2.C I  3. SUBCONTRA	ATERIAL  DIRECT COSTS:  ACTORS  ere Control Systems	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,300.00 \$1,500.00 \$1,200.00  MENTICOST \$ 623.03  BTOTAL (2) 15% OTAL (2)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		4981 1 1573
2.A E  2.B M/  2.C I  3. SUBCONTRA	ATERIAL  DIRECT COSTS:  ACTORS  ere Control Systems	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00  MERIC SSI SCOSIS SOLUTION  BTOTAL (2) 15% OTAL (2)  BTOTAL (3) 5%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		4981 1573
2.A E  2.B M/  2.C I  3. SUBCONTRA	ATERIAL  DIRECT COSTS:  ACTORS  ere Control Systems	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift  MALERIAL Small Topis/(Consumables)  Control Boards for O/C Valves  DVERHEAD & PROFIT	BUNITS NO SECTION OF WOL	S S S S S S S S S S S S S S S S S S S	UNIT PRICE \$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,200.00  MERIC SSI SCOSIS SOLUTION  BTOTAL (2) 15% OTAL (2)  BTOTAL (3)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		4981 1573
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Date:



# SEMINOLE COUNTY ENVIRONMENTAL SERVICES CAPITAL IMPROVEMENT PROGRAM REQUEST FOR INFORMATION - CONSTRUCTION

RFI Number	167
Project Name	Yankee Lake / Greenwood Lakes Re-Rate
Contractor	Florida Design Contractors
CIP Number	195201
WBS Number	10303004
Date Submitted	8/25/08
Prepared By	Allen Bigelow
Sheet Number	
Specification	15119

DATE STAMP - Received by Program Document
·

### Description of Request

- 1. In the submittal review for 15119-047, one comment requested an additional 2/C, #18TSP for each motor actuated valve. The comment also indicated that there was a future RPC forthcoming. These comments were written on 10/3/2007 and to date, no RPC has been written. Please provide a scope of work dictating what wires are needed for what valves. There are eight motor actuated valves on the site that only open and close, and four flow control valves that are constantly modulating.
- 2. If two analog wires are now required for 20-V-1G, were you initially intending a spare analog wire run from 155-PLC-1 to the Equalization Tank Flowmeter area? Conduit 2017 shows five analog wires (1-FIT, 2-LIT, 1FCV, 1-Spare?).
- 3. In the recent Monthly Progress Meeting, the Owner requested that all of the motor actuated valves provide an "IN AUTO" signal to the PLC. Only the six valves at the Sludge Tanks show the "IN AUTO" signal in the P&ID. Do the other six valves need to have the "IN AUTO" signal added?

Forwarded By: Allen Bigelow

Title: Construction Manager

Date of Forwarding: August 25, 2008

### Response to Request

See attached word document and pdf files for I-002 (87), I-003 (88), and I-004 (89) for responses.

Responded By: Brenda Keenan

Title: Associate Engineer

Date of Response: 8/27/2008

Date Returned to Contractor: August 28, 2008

Returned By: Allen Bigelow

### Response to RFI#167

- Q1. In the submittal review for 15119-047, one comment requested an additional 2/C, #18TSP for each motor actuated valve. The comment also indicated that there was a future RPC forthcoming. These comments were written on 10/3/2007 and to date, no RPC has been written. Please provide a scope of work dictating what wires are needed for what valves. There are eight motor actuated valves on the site that only open and close, and four flow control valves that are constantly modulating.
- RE1. Each modulating motor actuated valve requires 2 analog wires, one control and one feedback. These valves (70-V-1A, 70-V-2A, 70-V-3A, and 20-V-1G) require an additional 2/C, #18TSP (analog wire) except for valve 20-V-1G (see response to item #2 below for explanation). This would change the number of 2/C, #18 TSP wires from one to two in conduits 7006, and 7008. It would also change the number of 2/C, #18TSP wires from two to four in conduit 7007. Reprogram the PLC to accept analog instead of discrete signals for the VALVE OPEN and VALVE CLOSE commands.

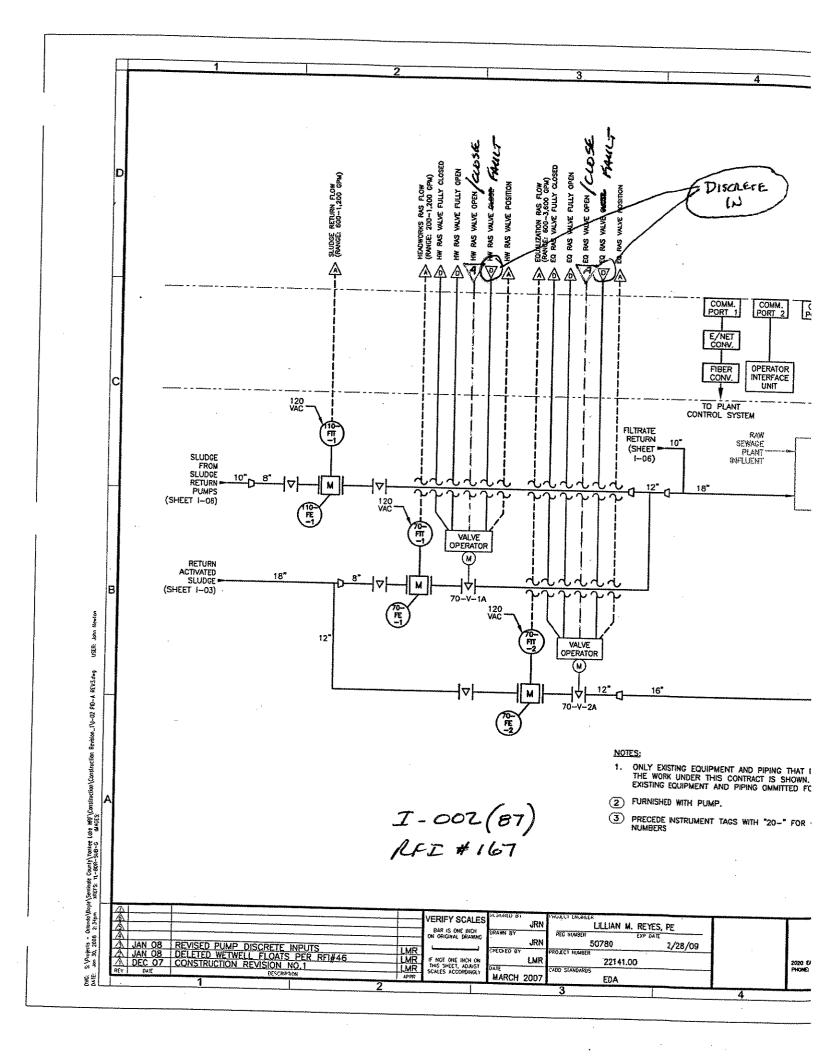
On the open/close valves (105-V-7A, 105-V-7B, 110-V-1A, 110-V-2A, 110-V-1B, 110-V-2B, 110-V-1D, 110-V-2D), install a discrete input card in the REXA actuator control panel.

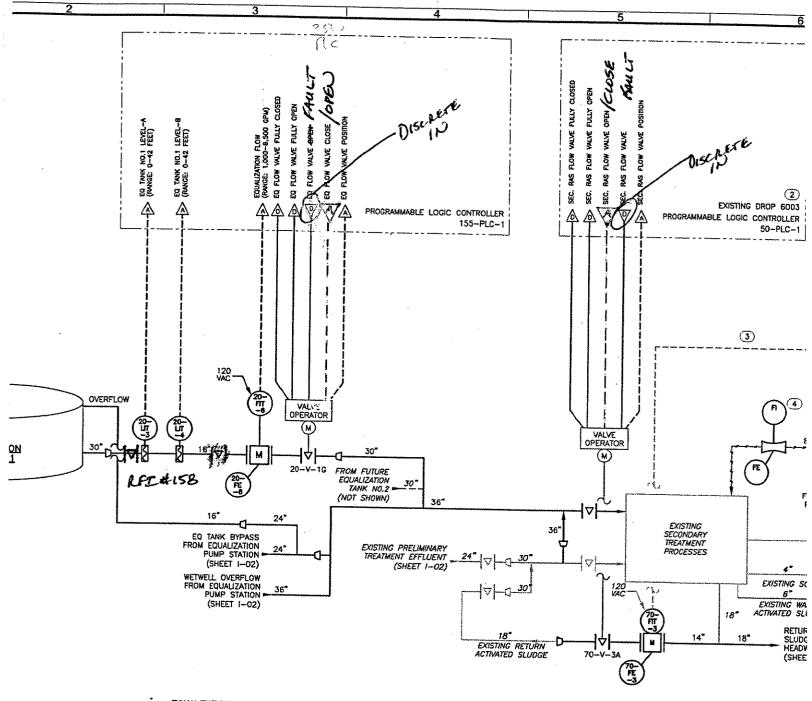
- Q2. If two analog wires are now required for 20-V-1G, were you initially intending a spare analog wire run from 155-PLC-1 to the Equalization Tank Flowmeter area? Conduit 2017 shows five analog wires (1-FIT, 2-LIT, 1FCV, 1-Spare?).
- RE2. Initially a spare analog wire was being provided to FCV 20-V-1G. Conduit 2017 should contain five (5) analog wires for the following uses, 1-FIT, 2-LIT, and 2-FCV. Because there are already 2 analog wires available for the FCV (1-for control, and 1-for feedback) an additional analog wire is not required.
- Q3. In the recent Monthly Progress Meeting, the Owner requested that all of the motor actuated valves provide an "IN AUTO" signal to the PLC. Only the six valves at the Sludge Tanks show the "IN AUTO" signal in the P&ID. Do the other six valves need to have the "IN AUTO" signal added?
- RE3. It is Boyle's understanding that the REXA actuators do not provide the discrete contacts to provide an "IN AUTO" signal as requested by the Owner. The REXA actuator is provided with a common "trouble" indication. If the valve is placed into manual mode, the "trouble" indication would be sent to the PLC. The operator would then need to check on the actuator to identify the cause.

The Owner would prefer a FAULT signal from each valve. Add a FAULT digital in signal to 70-V-1A, 70-V-2A, 70-V-3A, 20-V-1G, 110-V-1A, 110-V-2A, 110-V-1B, 110-V-2B, 110-V-1D, 110-V-2D. Delete the IN AUTO digital in signal from 110-V-1A, 110-V-2A, 110-V-1B, 110-V-2B, 110-V-1D, 110-V-2D.

Reprogram the PLC to accept a FAULT digital in signal for 70-V-1A, 70-V-2A, 70-V-3A, 20-V-1G. Change the PLC program from IN REMOTE to FAULT for 110-V-1A, 110-V-2A, 110-V-1B, 110-V-2B, 110-V-1D, 110-V-2D.

Change the conduit callout for conduits 11021 and 11023 from [6 #14, 1 #14G] to [12 #14, 1 #14G].





**EQUALIZATION** 

NOTES:

 ONLY EXISTING EQUIPMENT AND PIPING THAT IS PERTINENT TO THE WORK UNDER THIS CONTRACT IS SHOWN. OTHER EXISTING EQUIPMENT AND PIPING OMMITTED FOR CLARITY.

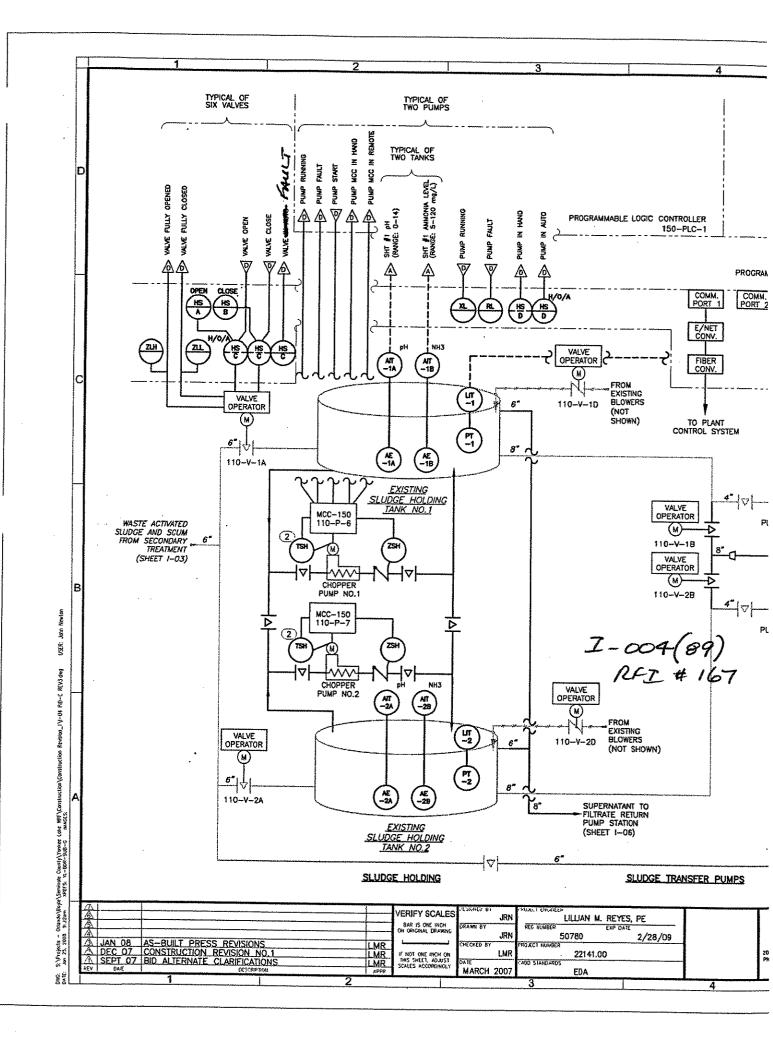
NEW WIRING AND I/O FOR EXISTING PLC. REFER TO SPECIFICATION SECTION 13320 FOR ADDITIONAL DETAILS.

- 3 EXISTING WIRING AND I/O FOR EXISTING PLC.
- 4 FLOW ELEMENT AND INDICATOR TYPICAL OF 12 (FOUR EXISTING), ONE FOR EACH DIFFUSER DROP LEG. ALL EIGHT NEW METERS ARE 8-INCH WITH A FLOW RANGE OF 470-1,200 SCFM.

SECONDARY TREATMENT

I-002 (88) RFI 467

LMR APPR	BAR IS ONE INCH ON ORIGINAL DRAWING	JRN OFAMN BY JRN CHECKED BY LMR	ULLIAN M. REYES, PE FEC NUMBER 50780  PROJECT MUMBER 22141.00 CADD STANDARDS EDA	8/09	Electrical Design Associates 2020 EAST ROBINSON STREET, OR AHOD, FLORIDA 32803 PHONE: (407) 895—8300 EAST ROBINSON STREET, OR AHOD, FLORIDA 32803 PHONE: (407) 895—8411 LULIAN M. REYES, P.E.	SEMINOLE COUNTY RORDA'S NATURAL CHOICE
			3	4	Forsido P.E. No. 50780	6



Run Date 9/08/08 HD SUPPLY WATERWORKS, LTD.

FLORIDA DESIGN CONTRACTORS **

STOCK-WEST PALM

1326 S KILLIAN DR

LAKE PARK

FL 33403 Telephone: 561-845-1233

Fax:

561-848-5992

HDSWW - W PALM BEACH FL

1101 W 17th Street

Riviera Beach

FL 33404

Telephone: 561-848-4396

561-845-7267

Attention: JEFF HOLST

9/08/08 Bid ID: 1864707 YANKEE LAKE RFI #167

Page 1

Sell

Line Quantity Per Description

. Net Price Extended

Price

20

8. EA K97951-NA MANUAL CONTROL BOARD 585.00

4,680.00

DELIVERY: 2 WKS A.R.O.

Subtotal:

Tax:

Bid Total:



2240 ROCKY RIDGE ROAD • BIRMINGHAM, ALABAMA 35216 (205) 824-0004 • MAIN FAX (205) 824-0408 • SALES FAX (205) 824-

www.reverecontrol.com

To: Florida Design Contractors Inc.

Attn: Jeff Holst

Ref: Change Order Referencing RFI#167

Date: September 18, 2008

Quotation No: 8010

### Gentlemen:

Thank you for the opportunity to offer the following proposal on the referenced project. This proposal is based on a customer requested change order specified in RFI-167 Motor Operated Valves for the following:

One (1) Lot engineering services to change the programming in PLC 155-CP-1 to modify the control of four control valves from discrete control to analog control with required field rewiring to provide power for the analog control

### ENGINEERING SERVICES

- 1) Engineering submittal revisions including:
  - a) Digital system hardware and software
  - b) Analog loop drawings
  - c) Control panel layouts and point to point wiring diagrams
  - d) Operation and maintenance manuals
- 2) On-Site Software configuration and programming to include:
  - a) PLC software re-configuration and programming modifications to 155-CP-1
  - b) HMI Screen Modifications to Add Fault Indication
  - c) Programming Engineer onsite 1 trip with 5 8-hour days on site including travel
  - d) Calibration of Field Instruments and Loop Testing
  - e) Final Instrument and Terminations and Testing
  - f) Installation Assistance
  - g) Additional work, if required, to be billed at RCS standard rate schedule
- 3) Testing to include:
  - a) Functional Acceptance Test (FAT)
  - b) Operational Readiness Test (ORT)
  - c) Site Acceptance Test (SAT)
- 4) Warranty services for a period of 1 year.

Pı	rice	3	845	9.00	Total	N	et

(Seminole Co Yankee Lake) 09/10/08) Page 2

### Pricing and Delivery:

Quoted prices are firm based on the following: 60 days to receive a firm purchase order.

We do not include any applicable sales taxes or fees.

Our Terms and Conditions are attached and made an integral part of this proposal.

We do not include installation, terminations, labor or supervision, wiring, cable, conduit, brackets, hangers, anchor bolts, piping fittings or valves except as herein defined.

Start-up assistance and training is included as detailed above. Additional time, if required due to incompleteness of installation, lack of operating fluids or media, or other delays related to construction or operation beyond our control will be invoiced based on current rates in effect.

Submittals and O&M manuals include (1) set of paper documents and ten (10) copies furnished on Compact Disc (CD) to be furnished after installation and start-up.

Thank you for your consideration of Revere Control Systems. We look forward to working with you on this project.

Very truly yours,

# Fred Weaver

(Fred Weaver) Revere Control Systems Inc.





To:

Allen Bigelow

Company:

**CH2M Hill** 

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Thursday, October 16, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

**Seminole County** 

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #037 for Field Order #036

Florida Design Contractors proposes to relocate the Washwater booster pump and 3/4" air line per field order #036.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:

\$2,848.40 \$ 2848

Please find attached for your information and use:

- Cost Proposal Summary Sheet #037
- Field Order #036
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

				<u></u>						
	FLORIDA DESIGN CONTRACTORS								1	
<b>PARAM</b>	1326 S. Killian Drive							300001		
DESIGN	Lake Faik, FD 55405						COST PF	ROPOSAL 037		
CONTRACTORS Z	Civil & Environmental Contractors							037		
						ND #105201 \	MRS #103	03004, CC-2098-07	//DRR	
	Yankee Lake WRF Phase I Imp	rovements					ADO #100	10/06/08	(DIXIX	
LOCATION:	Seminole County, FL					DATE:		10/00/00	—	
OWNER:	Seminole County					DRAWING NO				
ENGINEER:	Boyle Engineering					SPEC. SECTION		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		20 or 10 Vin (83 (83 (8)						SECURIO STATE OF STREET		
REFERENCE	TIME & MATERIAL:	1.0/41) - 1		UEST FOR PF		X	•		1	
DESCRIPTION:	Relocate washwater booster	pump and 3/4" air	iine as requir	eu per ro #0.	30.	<del>(-2-1000)</del>				
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	PR	ICING INFOR	MATION							
	- Landon								1	
		SKILL	TRADE	MAN-HOU	RS	RATE		COST		
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	ENERAL LABOR:	Unskill			МН	\$ 40.00			-	
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		Opera			МН	\$ 49.00				
1.B F	IELD ENGINEERING:	Forem			МН	\$ 55.00	\$			
1,60			ntendent	1	МН	\$ 85.00	\$		85.00	
		£	t Engineer		МН	\$ 90.00	\$			
		Project	Manager	2	MH	\$ 110.00	\$		220.00	
			resident		MH	\$ 135,00	\$			
1.C DA	ALY GENERAL CONDITIONS	Time I	ncrease		DAYS	\$ -	\$			
					SUE	STOTAL (1)	\$		485.00	
					Punchlin	st 1.5% Labor	\$		7,28	
		OVERHEAD & PR	OFIT			15%	\$		73,84	_
					T	OTAL (1)	\$		566,12	<i>y</i>
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2.A E	QUIPMENT:	Crane Truck			<b> </b>	\$3,000.00				
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		Loader			<b></b>	\$2,000.00				
		Dewatering			<del> </del>	\$1,300.00			<u> </u>	
		Backhoe			<del> </del>	\$1,500.00				
		Scissor Lift	A CONTRACTOR	UNITS NO		\$1,200.00	<del>  *</del>	· · · · · · · · · · · · · · · · · · ·		
2.B M	ATERIAL	MATER				nenteost	<b> </b>			
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		Small-Tools / Con	animonie a sa	40	FT	\$ 18,64			745.50	1.
		3/4" SSTL Tubing 3/4" SSTL 90 Ben	,	40	EA	\$ 70.02			280.10	280
		2" PVC Pipe	<u>'</u>	20	FT	\$ 1.80			36.00	/
		2" PVC Pipe 2" PVC 90 Bend		2	EA	<u> </u>	\$		3.37	13.2
		8" DIP Blind Flang	ie w/3 /4"	- 1	EA	\$ 202.16			202.16	1
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		\$50,000 (\$50,000)							m,~~~~~	4
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ADDITIONAL B	SURANCE (55%) AND BOND	ING ( 95%) CDSTS				1.5% AND TOTAL	\$		42.09 2,848.40	/

Bv:	Ву	r:	By:	
	Engineer (Authorized Signature)		Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	· · ·	ate:	Date:	



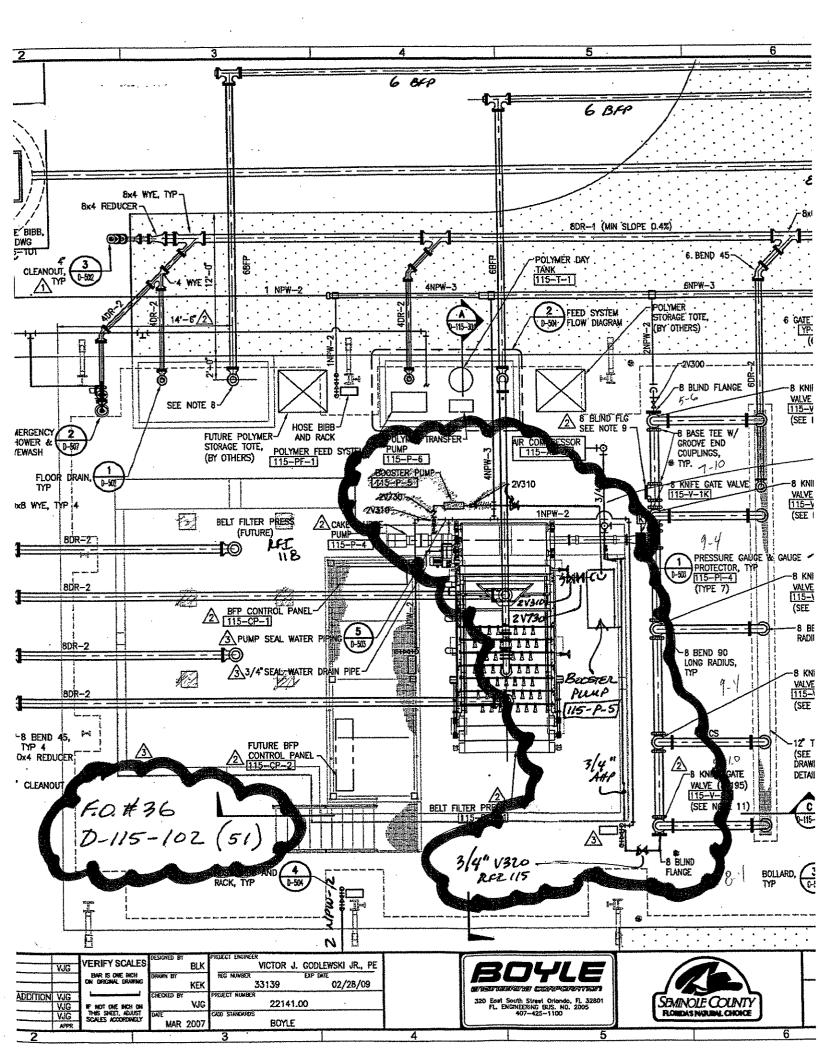
2. Field File

4. Florida Design

# FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

### CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTO	R: Florida Design Construction	n	FIELD ORDER NO:	036
PROJECT:	YL / GWL Re-Rate		PROJECT NO:	361846.03
OWNER: Se	minole County Environmental Se	arvices		
ENGINEER:	Boyle Engineering			
Yankee Lake 1. Relocate the Conduit 11502 2. Install the 3	inor changes in the work have been hanges:  Dewatering Building the Washwater Booster Pump (11 2 will need to be relocated to provide air line so that it enters the 8" astall the required 3/4" V320 valve	5-P-5) per the vide power an Cake Sludge	marked up draw d controls to the p pipe at the blind f	oump. lange at the south end of
2. To allow th	a better location for the pump are Owner to flush the Cake Sludg	ge header mor	e effectively.	the second press.  ation section(s)/paragraph(s):
Contract Times a OWNER and also	Field Order is to authorize minor variation and which are compatible with the design on CONTRACTOR who will perform the or Contract Times is necessary, the particles and the contract Times is necessary.	n concept of the cone ne work promptly.	ompleted Project. The If OWNER or CONT	is Field Order is binding upon RACTOR believes an adjustment to
Issued by Engine	eg:		ntractor Receipt Ackn	nowlettgement:
ي د	Betresenjative	By:		Ans.
Date:	14700	Titl	e: <u>///</u> /	P.
Copy: 1. Owner 2. Field File	3. Dean Garcia 4. Florida Design	Date: 5. Boyle 6. CH2M H	IILL - Document	Control



# QUOTE

Cyber Electric of Central Fl. Inc.

3384 N.W. 16th Street Okeechobee, FL 34972 Tel: 863-467-2127 Fax: 863-467-8367

E-mail: cyberelectric@embargmail.com

Reference File# Change Order # 006

File# 3
Job date: 0

3600

Job status: Customer Ref. # Oct. 16, 2008 Pending

Resource: Page number: F.O. #36

Billing address:

Florida Design Contractors

Attn: Jeff Holst 1326 South Killian Dr. Lake Park, Fl. 33403 Site address:

Yankee Lake

1326 South Killian Dr. Lake Park, Fl. 33403

**Work Description** 

[PROPOSAL INCLUDES]

1] Exstention of conduit # 11502 to new location of Wash Water Booster Pump (115-P-5) as per F.O. # 036

[SUMMARY]

F.O. # 36 cost\$ 543	3.9%
Overhead/Profit @ 15%\$81	.60
Total\$ 62:	5.57 🖊

Item Description	Oty	Price	Ų	Mat \$
1" CONDUIT - RMC - ALUM	30	395.47	Ç	118.64
1" TYPE LB STD CONDUIT BODY W/ CVR & GSKT - RMC - ALUM	3	20.75	E	62.25
1" 2-PC STRUT CLAMP - RMC - ALUM	5	162.15	C	8.11
#12 THHN BLACK	120	209.38	M	25.13
1 5/8x 1 5/8x xxG CHANNEL - S/S	5	1,700,00	C	85,00

Total

\$299.12 290.13

Summary Subtotal Material		Total (5) 299.12	2翰·13
Journeyman		244.85	
Adjustment	(@ 15.000 %)	81.60	

Total Terms \$625.57

Our price is valid for 10 days and subject to changes any time thereafter. ANY changes from the plans that were used for estamating the cost of said project will only be performed upon a signed and received changeorder to our office. (467 - 8367 Fax) The work will be performed @ T&M rates of \$ 60.00/ per man hour and 20 % on materials. We require 30% upon acceptance of the proposal / 50% upon completion of rough construction / The final 20% is due upon completion of our quoted work. Due to the rising cost of our materials we reserve the right to adjust our quoted materials to meet the current cost at the time of purchase. Which will then be added to the total quoted cost for the project.

Rep. Name:	Grea Morrison
Date:	16,16,58
Signature:	I hereby propose the above described work.

Client Name: Date: Signature:	) harsby acknowledge the settatectory completion of the above described work.
-------------------------------------	-------------------------------------------------------------------------------

/ Date 3/13/08

HD SUPPLY WATERWORKS, LTD.

FLORIDA DESIGN CONTRACTORS **

STOCK-WEST PALM

1326 S KILLIAN DR

LAKE PARK FL 33403

Telephone: 561-845-1233 Fax: 561-848-5992 HDSWW - W PALM BEACH FL

1101 W 17th Street

Riviera Beach

Telephone: 561-848-4396 Fax: 561-845-7267 33404

65% SALES

3/12	2/08 Bid	ID:	1681820	PUMP SEA	L WATER	PIPING	03/13	/08	Page	1
Line	Quantity	Sell Per		cription				Net Price	Ext Pri	ended .ce
10	20	FT	SS-T4-S-	-035-20-9 316SS SE	3 1/4"X. AMLESS 2	035" 0' LGTH	į W		_	
30	20	FT	SS-T8-S	-049-20-8 316SS SE	5 1/4"X.	049"	1/2	<b>国外基本</b>		100-100-100-100-100-100-100-100-100-100
50	20	FT	SS-T12-9	S-065-20 316SS SE	-s 3/4"X	.065"		17.50	•	
70	2	EA	SS-810-	1-4 1/2" ALE CONN	T X 1/4	" MNPT	-		(	
90	1	EA	SS-810-	2-8 1/2" MALE ELB	T X 1/2 OW 316SS	<b>;</b>			(	
110	1	EA	SS-1210	-2-12 3/ MALE ELB	4" T X 3	/4"MNPT				
220	1	EA	SS-810- 316SS	9 1/2" U	NION ELE	BOM	•			
240	1	EA	SS-1210 316SS	-9 3/4"	UNION EI	BOW		65.75		

NOTE: 'T' ENDS MEAN SWAGELOK.

Subtotal:

Tax: Bid Total:

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				INVOICE
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TERMS	.c.s.		SHIPWA	08/26/08 COMPANY TRUCK
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		EMOUSIONE	1015	
- Mundaën	04400188	(IBER	04400150	08/19/08
	<u>0</u>	MEDERNE	0.4.	08

Industrial Plastics 

33309 Fort Lauderdale, FL

954-351-0088

C/O YANKEE LAKE SEWER TRMNT PL ATTN: RANDY 561-718-2224 501 YANKEE LAKE RUAD FLORIDA DESIGN SANFORD, FL FLORIDA DESIGN CONTRACTORS 1326 SOUTH KILLIAN DRIVE 33403 LAKE PARK, FL

SHIP TO:

BILL TO:

(800) 326-2029 • FAX (410) 381-3985 P.O. BOX 13346 BALTIMORE, MD. 21203 PLASTICS LLC

32771

HARRINGTON INDUSTRIAL

PLEASE REMIT TO

PRODUCT NUMBER/DES  D PLING S PVC SCHE  S PVC SCHE  PUSHING SPI  PTER MPTxS  S PIPE P/E F	OUSTOMER NO. TEHRITORY FREIGHT TERMS OUTBOUND & CUTBOUND	OUTB(	GNOC	Ages,	JOB MUMBER		
BO 038 380 390 0 6.5% SALES 7% SCHBO 038 3 3 0 80 0 6.5% CHBO 038 80 80 0 0 6.5% CHBO	PRODUCT NUMBER / DES	WHSE	ORDER	SHIP	BALANCE DUE	UNIT PRICE	AMOUNT
SCHBO  SCHBO  AS PVC SCHBO  C SCHBO  C SCHBO  C SCHBO  C SCHBO  C SCHBO  C SCHBO	800-020 2" PIPE P/E PVC SCH80	938	888				65
xs PVC SCH80 038 80 80 048 058 3 3 40 058 058 80 80 068 068 068 068 068 068 068 068	829-020 2" COUPLING S PVC SCHBO	860	70%			6.5% Sques	
JSHING SPIGXS PVC SCHBO TER MPTXS PVC SCHBO O38 80 8	801-020 2" TEE S PVC SCH80	850	<del></del>		•		
PTxS PVC SCH80 038 80 8	JSHING SPIGXS	038	and feet of the conservations	[7]	<b>*</b>		
P/E PVC SCH80	836-020 2" ADAPTER MPTxS PVC SCH80	980	······································	(*)	<b>-</b>		
	800-015 1-1/2" PIPE P/E PVC SCH80	0 0	Ď	ă			

purpose, with regard to goods and products not manufactured by Harrington. With regard to products manufactured by Harrington warrants only that such products with respect to such will be free of defects in material and workmanship for a period of one year from shipment date. Harrington makes no other express or implied warranties with respect to such WARRANTY DISCLAIMER: Harrington industrial Plastics LLC ("Harrington") makes no express or implied warranties, including those of merchantability or fitness for particular ENTIRE AGREEMENT: The terms and conditions set forth in this invoice constitute the entire agreement between purchaser and Harrington and supersede any prior or contemporaneous representations or agreements, written or oral. No additional oral or written terms, including any attempts by purchaser to alter or modify this invoice or any other document relating to this goods. Any description of goods in this invoice is for the sole purpose of identifying them, and does not constitute a warranty of any kind. sale, shall become a part of this agreement without the express written consent of Harrington,

TAX

FREIGHT & HANDLING

**FOTAL DUE** 

SUBTOTAL

CONTINUED

TERMS	NET 30	FO.B.	SHIPPING FOINT		LI TO			CIMPANY TRUCK		
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Industrial Plastics 

33309 <u>__</u>| Fort Lauderdale,

954-351-0088

FLORIDA DESIGN CONTRACTORS 1326 SOUTH KILLIAN DRIVE 33403 LAKE PARK,

Ö

ATTN: RANDY 561-718-2224 SO1 YANKEE LAKE RUAD C/O YANKEE LAKE FLORIDA DESIGN SANFORD, FL SHIP TO: 5101

32771

(800) 326-2029 • FAX (410) 381-3985 HARRINGTON INDUSTRIAL BALTIMORE, MD. 21203 PLEASE REMIT TO: P.O. BOX 13346 PLASTICS LLC

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SEWER TRMNT

	AMOUNT								<u></u>	namber ekskepel ekskepel		
	UNIT PRICE						Û	n i	6.50/0	Stres max		SUBTOTAL
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GNAD	9	QUANTITY	-0		CI .	8		Q.				
DO V		WHSE	920		0000	638		038				
169	075456 441 CINC 1120012	PRODUCT NUMBER / DESCRIPTION	806~005	1/2" 90 ELBOW S PVC SCH80	836-005 1/2" ADAPTER MPT×S PVC SCH80		1/4" PIPE P/E PVC SCHBO	020-402	2" 90 ELBOW S PVC SCHBO			

goods. Any description of goods in this invoice is for the sole purpose of identifying them, and does not constitute a warranty of any kind.

ENTIRE AGREEMENT: The terms and conditions set forth in this invoice constitute the entire agreement between purchaser and Harrington and supersede any prior or contemporaneous representations or agreements, written or oral. No additional oral or written terms, including any attempts by purchaser to alter or modify this invoice or any other document relating to this purpose, with regard to goods and products not manufactured by Harrington. With regard to products manufactured by Harrington, Harrington warrants only that such products WARRANTY DISCLAIMER: Harrington Industrial Plastics LLC ("Harrington") makes no express or implied warranties, including those of merchantability or fitness for particular will be free of defects in material and workmanship for a period of one year from shipment date. Harrington makes no other express or implied warranties with respect to such

sale, shall become a part of this agreement without the express written consent of Harrington.

בטוכיושו ועושוכום

ΤĀΧ

FREIGHT & HANDLING

TOTAL DUE

Ø001/002

10/06/2008 MON 17:02 FAX 5618457267 HD SUPPLY WATERWORKS

Run Date 10/06/08 HD SUPPLY WATERWORKS, LTD.

FLORIDA DESIGN CONTRACTORS **

STOCK-WEST PALM

HDSWW - W PALM BEACH FL

1101 W 17th Street

1326 S KILLIAN DR Riviera Beach FL LAKE PARK FL 33403 Telephone: 561-845-1233 Fax: 561-848-5992

Attention: JEFF

10/06/08 Bid ID: 1893268 8X3/4 TAPT BLIND FLANGE

Page 1

Sell

Line Quantity Per Description

Net

Extended

Price

Price

THANK YOU FOR THE OPPORTUNITY TO QUOTE YOU.

1 EA 8X3/4 TAPT BLIND FLANGE DI 60

202.16

PRICING GOOD FOR 30 DAYS.

Subtotal: •

Tax:

Bid Total:



To:

Allen Bigelow

Company:

**CH2M Hill** 

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Tuesday, October 07, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

**Seminole County** 

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #038 for Field Order #037

Florida Design Contractors proposes to replace the Ethernet switch in 150-PLC-1 per field order #037.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:

_\$1,271.74° + 1272

Please find attached for your information and use:

- Cost Proposal Summary Sheet #038
- Field Order #037
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via email at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

### FLORIDA DESIGN CONTRACTORS

1326 S. Killian Drive Lake Park, FL 33403

Civil & Environmental Contractors

COST PROPOSAL

NO. I	<b>U36</b>
SCHOOL STATE	

				CID #40EGO4 10	/BS #10303004, CC-2098-07/	nee nee
ROJECT NAME: Yankee Lake WRF Phase I Imp	rovements		<del></del>	DATE:	10/07/08	DIVIN.
LOCATION: Seminole County, FL			·····	DRAWING NO.:		
OWNER: Seminole County  ENGINEER: Boyle Engineering			<del></del>	SPEC. SECTIO	<del>.,</del>	
ENGINEER. Boyle Engineering			<del></del>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
EFERENCE TIME & MATERIAL:		QUEST FOR PRO	opos.	<u> </u>		-
ESCRIPTION: Replace 150-PLC-1 ethernet	switch as required per field orde	er #037.	r-w			····
			,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			
						—
	ICING INFORMATION			P. C. San San San		
	ICING INFORMATION	•				- 1
	SKILL/TRADE	MAN-HOUR	S	RATE	COST	
. DIRECT LABOR	Welder	N	ЛH		\$	
1.A GENERAL LABOR:	Unskilled		/H		\$	
	Skilled		ЛН ЛН	\$ 45.00 \$ 49.00	\$ \$	
1.B FIELD ENGINEERING:	Operator Foreman		ин ИН	\$ 49.00	\$	
1.G FREE ENGINEERING.	Superintendent		ЛΗ	\$ 85.00	\$	
	Project Engineer		ИH	\$ 90.00	\$	-
	Project Manager		VH VH	\$ 110.00 \$ 135.00	\$ <u>22</u> \$	20.00
1.C DAILY GENERAL CONDITIONS	Vice President Time Increase		DAYS	\$ 130.00	\$	$\dashv$
1.C DAILY GENERAL CONDITIONS	Table Moreuse			STOTAL (1)		20.00
		Ī		st 1.5% Labor	\$	3.30
	OVERHEAD & PROFIT			15%		33.50
	28 F28 W		T	OTAL (1)	\$ 2	56.80
. MATERIALS AND EQUIPMENT	DESCRIPTION	WEEKS		UNIT PRICE	COST	
2.A EQUIPMENT:	Crane Truck				\$	-
	Excavator			\$2,300.00	\$	
	Loader		·· <del>·····</del>	\$2,000.00 \$1,300.00	\$   \$	
	Dewatering Backhoe		<del></del>	\$1,500.00	\$	
	Scissor Lift			\$1,200.00	\$	·
2.B MATERIAL	MAJERIAL	UNITS NOT	ED .			
	Equipment Fuel (5)		Labor (	menticost cas	<b>\$</b>	4.40
	Small tools/Consumables		reaction.	l .	\$	+
					\$	*
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		<u> </u>		<b> </b>	\$ \$	
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					\$	-
		***************************************		]	\$	- 440
			รบ	BTOTAL (2) 15%	<b>\$</b> \$	<b>4.40</b> 0.66
2.C DIRECT COSTS:	OVERHEAD & PROFIT		7	TOTAL (2)	\$	5.06
			6000			
3. SUBCONTRACTORS		PTION OF WOR		SERVICE CONTRACTOR	COST	
Revere Control Systems	Provide and ins	stall new etherne	t switch	<b>)</b>	\$	943.90
		·····				
		~~~~				
			(0)	BIOIDIAN	135	343 .50
CASTINITAD A DESCRIP	1		SU	BTOTAL (3) 5%		47.20
OVERNEAD & PROFIT				5% TOTAL (3)	\$	
				5% TOTAL (3) AL (1)+(2)+(3)	\$ \$ \$ \$	47.20 991.10 252.95
OVERHEAD & PROFIT ADDITIONAL INSURANCE (55%) AND HONDI	NG (95%) COSTS:		TOT	5% TOTAL (3)	\$ \$ \$ \$ \$ 1,	47.20 991.10

Ву:

Date:

Owner (Authorized Signature)

Florida Design Contractors, Inc.

Ву

Date:

Engineer (Authorized Signature)

Date:



FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTO	R: Florida Design Construc	tion	FIELD ORDER NO:	_037	
PROJECT:	YL / GWL Re-Rate		PROJECT NO:	361846.03	
OWNER: Se	minole County Environmental	Services			
ENGINEER:	Boyle Engineering				
The following mi	inor changes in the work have bee	en ordered and a	uthorized:		
Catalyst 2940	e Allied Telesis Ethernet Switch Series Switch. Prior to installa the switch provided by the Co	ition, the new si	vitch will need to b	e configured by Seminal) 9
	a managed network for the 150				
Helerence Drawi	ng sheets and section(s) or detail(s	;):	Reference Specificat	ion section(s)/paragraph(s):	
Contract Times and OWNER and also	ield Order is to authorize minor variat d which are compatible with the desig on CONTRACTOR who will perform the or Contract Times is necessary, the p	n concept of the co he work promptly.	mpleted Project. This If OWNER or CONTRA	Field Order is binding upon ACTOR believes an adjustment	
ssued by Engineer		Con	tractor Receipt Acknow	viedgement:	
By: Authorized Ré	presentative	Ву:			
Date: 7/.	12/06	Title	: <u>V-</u> /	P.	
· ·		Date:	9/2	4/08	
opy: L. Owner L. Field File	3. Dean Garcia 4. Florida Design	5. Boyle	'/ LL – Document Co	t/	_
		U. CIIZIVI III	nn – pocument C	лшUI	



2240 ROCKY RIDGE ROAD • BIRMINGHAM, ALABAMA 35216 (205) 824-0004 • Main Fax (205) 824-0408 • Sales Fax (205) 824-

www.reverecontrol.com

Date: October 3, 2008

Florida l	Design Contractors	Date:	October 3, 2008
Field Or	der # 037 Managed Ethernet Switch Replacement		
ite:	1 October		
tion No:	n/a		
men:			
Thank y	ou for the opportunity to offer the following proposal on	the refe	erenced project.
ankee Lal	SPECIFICATION SECTIONS ke/Greenwood Lake – Seminole County Environmental S	Services	: Project # 361846.03
PUTERS	NETWORKS AND SOFTWARE		
Include	s: 100 MB/s Data transfer rate, 8 MB Flash Memory, SN	MP-1, 2	2 and 3 , RMON 1 and 2
Cables	and zip cords, as required.		
NEERIN	G SERVICES_		
Operation of the control of the cont	on and maintenance manuals only. Procurement. ng: None; Ethernet Switch will be configured by Seminon nelude: essed Site Acceptance Test d calibration on field instruments included in this scope to contracted startup for 150-PLC-1 Services include: ditional work, if required, to be billed at RCS standard ra	o includ	le:
ng and Do	elivery:	943.9	0Total Net
	Field Ornate: ion No: men: Thank y ankee Lale PUTERS Cisco C Includes Telnet, a Cables a NEERIN ngineering Operation quipment l cogrammin esting to in Unwitnerst-up and Normal Startup i) Add varranty se	men: Thank you for the opportunity to offer the following proposal on SPECIFICATION SECTIONS ankee Lake/Greenwood Lake — Seminole County Environmental Section Section Sequence County Environmental Section Section Sequence County Environmental Section Sequence County Environmental Section Sequence County Environmental Section Sequence County Environmental Section Sequence County Environmental Section Sequence County Environmental Section Sequence County Environment Protocols, and IEEE 80 Cables and zip cords, as required. **NEERING SERVICES** **Ingineering submittals to include: **Operation and maintenance manuals only.** **Quipment Procurement.** **Operation and maintenance manuals only.** **Quipment Procurement.** **Operation and maintenance Test County Environment Section Sec	Field Order # 037 Managed Ethernet Switch Replacement tie: 1 October tion No: n/a men: Thank you for the opportunity to offer the following proposal on the refo SPECIFICATION SECTIONS ankee Lake/Greenwood Lake — Seminole County Environmental Services PUTERS, NETWORKS AND SOFTWARE Cisco Catalyst 2940 Series (8)-Port Managed Ethernet Switch, Part No. Includes: 100 MB/s Data transfer rate, 8 MB Flash Memory, SNMP-1, 2 Telnet, and HTTP Remote Management Protocols, and IEEE 802.3 com Cables and zip cords, as required. NEERING SERVICES Ingineering submittals to include: Operation and maintenance manuals only. Injument Procurement. Ogramming: None; Ethernet Switch will be configured by Seminole Councisting to include: Unwitnessed Site Acceptance Test Cart-up and calibration on field instruments included in this scope to include Normal contracted startup for 150-PLC-1 Startup Services include: i) Additional work, if required, to be billed at RCS standard rate schedy arranty services for a period of 1 year. \$\frac{943.9}{43.9}\$ The process are firm based on the following:

(Name) (Date) Page 2

10-12 weeks to prepare submittal data.

F.O.B. Shipping point with freight allowed to jobsite.

We do not include any applicable sales taxes or fees.

Our Terms and Conditions are attached and made an integral part of this proposal.

We do not include installation, terminations, labor or supervision, wiring, cable, conduit, brackets, hangers, anchor bolts, piping fittings or valves except as herein defined.

Start-up assistance and training is included as detailed above. Additional time, if required due to incompleteness of installation, lack of operating fluids or media, or other delays related to construction or operation beyond our control will be invoiced based on current rates in effect.

Thank you for your consideration of Revere Control Systems. We look forward to working with you on this project.

Very truly yours,

Cliff Fleming

Cliff Fleming Revere Control Systems Inc.





To:

Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Thursday, October 16, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #039 for Field Order #035

Florida Design Contractors proposes to furnish and install additional lighting at the EQ pump station per field order #035.

Please find attached for your information and use:

- Cost Proposal Summary Sheet #039
- Field Order #035
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive

CONTRACTORS		Lake Park, FL 33403			NO.	COST PROPOSAL	I
	Civil	& Environmental Contractors			NO.:	039	
ROJECT NAME:	Yankee Lake WRF Phase I Imp	rovements			CIP #195201, V	VBS #10303004, CC-209	8-07/DRR
LOCATION:	Seminole County, FL				DATE:	10/07/08	
OWNER:	Seminole County				DRAWING NO.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ENGINEER:	Boyle Engineering	······································			SPEC. SECTIO		
				20000			
REFERENCE	TIME & MATERIAL: Furnish and install additional		UEST FOR P	KOPOS	<u> </u>		
ESCRIPTION:	rumsa and astan additional	lighting per held order #055.					
						, , , , , , , , , , , , , , , , , , ,	
				······································		, , , , , , , , , , , , , , , , , , , ,	
		<u> </u>		***********	/		
	PR	ICING INFORMATION				•	
		DELL PERADE	MAN LIME	noe	RATE	cost	
	_	SKILL/TRADE	MAN-HOU				
. DIRECT LABO		Welder		MH	\$ 70.00 \$ 40.00	\$	-
1.A G	ENERAL LABOR:	Unskilled Skilled		MH	\$ 45.00	\$	
		Operator		MH	\$ 49.00	\$	
1.B. FI	ELD ENGINEERING:	Foreman		МН	\$ 55.00	\$	
*.u= 1 /	menter of the second se	Superintendent		МН	\$ 85.00	\$	-
		Project Engineer		МН	\$ 90.00	\$	*
		Project Manager	2	МН	\$ 110.00	\$	220,00
		Vice President		MH	\$ 135.00	\$	
1.C DA	ILY GENERAL CONDITIONS	Time Increase	******************	DAYS	\$ -	\$	-
				<u> </u>	STOTAL (1)	\$	220.00 3.30
		a subject and a spectrum		Punchi	st 1.5% Labor	\$	
		OVERHEAD & PROFIT			15% OTAL (1)	\$	33.50 256,80
							200.00
. MATERIALS A	ND EQUIPMENT	DESCRIPTION	WEEK	S	UNIT PRICE	COST	
2.A E	QUIPMENT:	Crane Truck			\$3,000.00		-
:		Excavator		<u> </u>	\$2,300.00		-
		Loader		 	\$2,000.00	\$	-
		Dewatering		 	\$1,300.00	\$	-
		Backhoe Scissor Lift		╂	\$1,500.00 \$1,200.00	\$ \$	-
2 8 5/42	RTERIAL	MATERIAL MATERIAL	A BUNITS NO	n d	ψ1,200.00	*	
£,£ (V).	1 6 6m2 417 74m	EquipmentFootiage	8% Etieli		ment Cost	\$	
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				SU	BTOTAL (2)	\$	4.40
2.C D	PIRECT COSTS:	OVERHEAD & PROFIT			15%	\$	0.66
				7	OTAL (2)	\$	5.06
3. SUBCONTRA	CTORS	NESCOID	TION OF WOR	?K		COST	
			(0.7.10)	BARRATA TANÀNA	25		1 400 //4
Cyber El	ectric of Central Florida	Provide and install	new lighting p	er FO#0	130	\$	1,489.51
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			900000000000000000000000000000000000000	a	n-0-1/ /0\		4 400 54
				SU	BTOTAL (3)	\$	1,489,51
OVERHEAD & PI	ROFIT			ļ	5%	\$	74.48
					TOTAL (3)	\$	1,563.99 1,825.85
ADDITIONAL INT	SURANCE (55%) AND BONDIN	a resyscants		101/	AL (1)+(2)+(3) 1.5%	\$ \$	1,825.85 27.39
MUNICIPAL INC	INVALENCE DO TO WATER COLUMN			- CD	AND TOTAL	\$	1,853.23
	The state of the s			8 GN	AID TOTAL	*	·,,,,,,,,,,,,,

Ву:

Date:

Engineer (Authorized Signature)

Date:

Florida Design Contractors, Inc.

Ву:

Date:

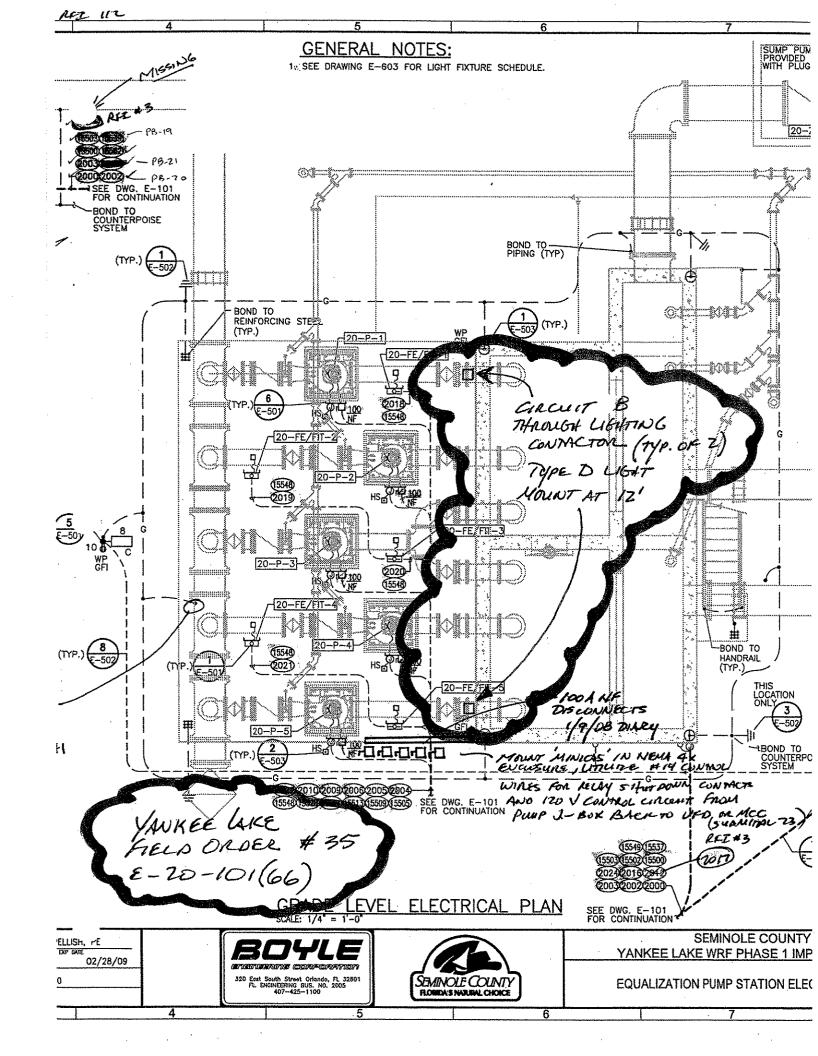
Owner (Authorized Signature)



FIELD ORDER - YANKEE LAKE / GREENWOOD LAKES RE-RATE

CIP 195201 WBS 10303004 CC-2098-07/DRR

TO CONTRACTO	R: Florida Design Construction	n FIELD ORDER NO	035
PROJECT:	YL / GWL Re-Rate	PROJECT NO:	361846.03
OWNER: Ser	minole County Environmental Se	rvices	
ENGINEER:	Boyle Engineering		
Yankee Lake 1. Install two Equalization P through circuit	inor changes in the work have been transported. Equalization Pump Station Type D wall pack light fixtures all pump Station Wet Well Structure as of the Building 155 Light Paneling to conduit 15540 to power the	: 12' above the concrete slab as shown in the attached si el, and route through the ligh	etch. Power the lights
Reason for Ohio	NACCO 1		
	quested - To provide better lighti	ng in the Pump Station area	
1. Owner Rec			ation spotonisepacagraph(s):
1. Owner Rec	quested - To provide better lighti		
1. Owner Rec	quested - To provide better lighting sheets and sectionis) or details (66)): Reference Specific	
Price or Contract binding upon OV believes an adjust accordance with Issued by Engine	ying sheets and sectionis) or details (66) 1) Field Order is to authorize minor variate Times and which are compatible with the Winest and also on CONTRACTOR who estment to the Contract Price or Contract the General Conditions.	16500 16500 ions to the Contract Documents no he design concept of the complete will perform the work promptly. If	ation section is sparagraphic. In the project of t
Reference Provided in Secondaria With Issued by Engine By: Authorized in Authorized i	riving sheets and sectionis) or details (66) Field Order is to authorize minor variate Times and which are compatible with the VNER and also on CONTRACTOR who estment to the Contract Price or Contract the General Conditions.	18500 18500 ions to the Contract Documents not the design concept of the complete will perform the work promptly. If t Times is necessary, the party matching the contractor Receipt Ack By: Title:	ation section is sparagraphic. In the project of t
Poleronse Oraz YL E-20-101 E-603 (8 The intent of this Price or Contract binding upon OW believes an adjust accordance with Issued by Engine By: Authorized For Date: 9 6	riversed - To provide better lighting sheets and sectionis) or details (66) 1) Field Order is to authorize minor variate Times and which are compatible with the NNER and also on CONTRACTOR who atment to the Contract Price or Contract the General Conditions. Ser:	18500 18500 ions to the Contract Documents not the design concept of the complete will perform the work promptly. If t Times is necessary, the party materials and the contractor Receipt Ack By: Title: Date: 9//:	ation section is sparagraphic. In the project of t
Polecines Oraz YL E-20-101 E-603 (8 The intent of this Price or Contract binding upon OW believes an adjust accordance with Issued by Engine By: Authorized For Contract of this Price or Contract binding upon OW believes an adjust accordance with Issued by Engine By: Authorized For Contract of Contract	riving sheets and sectionis) or details (66) Field Order is to authorize minor variate Times and which are compatible with the VNER and also on CONTRACTOR who estment to the Contract Price or Contract the General Conditions.	18500 18500 ions to the Contract Documents not the design concept of the complete will perform the work promptly. If t Times is necessary, the party matching the contractor Receipt Ack By: Title:	ation sections spacegraph(s): of involving a change in Contract of Project. This Field Order is OWNER or CONTRACTOR by make a claim therefore in professioners:



QUOTE

Cyber Electric of Central Fl. Inc.

3384 N.W. 18th Street Okeechobee, FL 34972 Tel: 863-467-2127 Fax: 863-467-8367

E-mail: cyberelectric@embarqmail.com

Reference File#

Change Order # 005

rse # Job date; Job status;

Sep. 29, 2008 Pending F.O. # 35

3582

Customer Ref. # Resource;

Page number:

Billing address:

Florida Design Contractors, Inc.

Attn: Jeff Holst 1326 South Killian Dr. Lake Park, Fl. 33403 Site address:

Yankee Lake Phase I improvements

	escr		

[PROPOSAL INCLUDES]

1] Furnish and install (2) Type D wall packs and connections to circuit 8 of Building 155 Lighting Panel, and route through lighting contactor, as per feild order#

[SUMMARY]

F.O. # 035 cost	
Sub Total	\$ 1,295.23
Sub Total	\$ 1,295,23
O 4 Otton Water 1 Ottle Pro 1 To 1 december 1 to 1 december 1 dece	\$ 194.28
Total	\$ 1 480 51

Qty	Price	U	Mat \$
30	395,47	C	118.64
2	530.67	Ċ	10,61
1	24.29	E	24.29
5	231.74	¢	11.59
420	209.38	M	87.94
1	27.64	E	27.64
1	11.25	E	11.25
2	312.00	E	624.00
	The same of the sa	30 395,47 2 530,67 1 24,29 5 231,74 420 209,38 1 27,64 1 11,25	30 395.47 C 2 530.67 C 1 24.29 E 5 231.74 C 420 209.38 M 1 27.64 E 1 11.25 E

Cotat

\$915.96

Summary	, · · · · ·	
Subtotal Material		Total (\$)
		915.96
Journeyman		379.27
Adlina		V10.21
Adjustment .	(@ 15.000 %)	194,28
Total		
·		\$1,489.51

Town

Our price is valid for 10 days and subject to changes any time thereafter. ANY changes from the plans that were used for estamating the cost of said project will only be performed upon a signed and received changeorder to our office. (467 - 8367 Fax) The work will be performed @ T&M rates of \$ 60.00/ per man hour and 20 % on materials. We require 30% upon acceptance of the proposal / 50% upon completion of rough construction / The final 20% is due upon completion of our quoted work. Due to the rising cost of our materials we reserve the right to adjust our quoted materials to meet the current cost at the time of purchase. Which will then be added to the total quoted cost for the project.

Rep. Name:	Grea Morrison
Date: Signature:	16-16-08
- 13.1.m.u.	I hereby propose the above described work.

Client Name: Date: Signature:	I hereby schoowledge the satisfactory completion of the shows described work.
-------------------------------------	---



Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Monday, November 3, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #040rev1 for GWL PE Bolt Caps

Florida Design Contractors proposes not to furnish and install polyethylene caps for nuts and bolts at Greenwood Lakes.

By mutual acceptance of a lump sum agreement, we propose the above for a deduction of:

\$1,810.92

(*1811)

Please find attached for your information and use:

- Cost Proposal Summary Sheet #040rev1
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via e-mail at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive COST PROPOSAL Lake Park, FL 33403 040rev1 Civil & Environmental Contractors CIP #195201, WBS #10303004, CC-2098-07/DRR PROJECT NAME: Yankee Lake WRF Phase I Improvements 11/03/08 DATE: LOCATION: Seminole County, FL DRAWING NO.: Seminole County OWNER: SPEC. SECTION: **ENGINEER: Boyle Engineering** REQUEST FOR PROPOS REFERENCE TIME & MATERIAL: DESCRIPTION: Do not furnish or install PE bolt and nuts caps at Greenwood Lakes per section 15050, 2.K. PRICING INFORMATION COST SKILL/TRADE **MAN-HOURS** RATE \$ 70.00 \$ Welder МН 1. DIRECT LABOR (80.00)(2.0) MH \$ 40.00 \$ 1.A GENERAL LABOR: Unskilled Skilled MH \$ 45.00 \$ 49.00 \$ Operator MH \$ MH \$ 55.00 \$ 1.B FIELD ENGINEERING: Foreman MH \$ 85.00 \$ Superintendent 90.00 \$ Project Engineer MH \$ 220,00 МН 110.00 \$ Project Manager 2.0 \$ Vice President MH 135,00 \$ \$ 1.C DAILY GENERAL CONDITIONS Time Increase DAYS \$ SUBTOTAL (1) 140.00 Punchlist 1.5% Labor \$ 2.10 15.0% \$ 21.32 OVERHEAD & PROFIT 163.42 TOTAL (1) \$ DESCRIPTION UNIT PRICE COST WEEKS 2. MATERIALS AND EQUIPMENT \$3,000.00 \$ 2.A EQUIPMENT: Crane Truck \$2,300.00 \$ Excavator \$2,000.00 | \$.oader \$1,300.00 \$ Dewatering \$1,500.00 \$ Backhoe \$1,200.00 \$ Scissor Lift AUNITS NOTED MATERIAL 2.B MATERIAL Eddipment Fue 8% Eueled Edulpment Clast \$ 2.80 27/12/00/C0 1 \$ 5/8" PE Cap 112 ΕA \$ 0.85 \$ (95.20)1.00 (1,616.00) 3/4".PE Cap 1616 ĒΑ \$ \$ \$ \$ \$ S \$ \$ \$ SUBTOTAL (2) \$ (1,708.40) \$ (128.13)7.5% OVERHEAD & PROFIT 2.C DIRECT COSTS: 6.5% \$ (111.05)SALES TAX TOTAL (2) \$ (1,947.58)COST **DESCRIPTION OF WORK** 3. SUBCONTRACTORS SUBTOTAL (3) \$ 5% OVERHEAD & PROFIT TOTAL (3) \$ (1,784.16) TOTAL (1)+(2)+(3) \$ \$ (26.76)ADDITIONAL INSURANCE (35%) AND BONDING (35%) COSTS: **GRAND TOTAL** (1,810.92)

By:	By:	By:	
	Engineer (Authorized Signature)	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	Date:	Date:	



¥ ;

RFQ Number	003			
Project Name	Yankee Lake / Greenwood Lakes Re-Rate			
Contractor	Florida Design Con	tractors		
CIP Number	195201			
WBS Number	10303004			
Date Submitted	11/3/08			
Prepared By	Allen Bigelow	Date: 11/3/2008		
Sheet Number	GWL	Date Required: 11/10/2008		
Specification	15050, 2.K			

1. Descript	tion of Request for Quotation	
	ctor has provided a credit quotation of \$1,811 for the c r the exposed Greenwood Lakes piping.	leletion of all of the polyethylene caps
2. Reason f	for Request	
Contractor R	Requested since all of the nuts and bolts are painted a	nd are stainless steel.
3. Approva	val of Request	, .
Owner:	(Illy	Date: 11/17/08
Engineer:	Daniel & August	Date: <u>// 3 / o 8</u>
To be comple	eted by Contractor:	
4.	Total cost of modification (attach detailed breakdown)\$ \$,811
5.	Will a modification to the contract time be required?	X No
	If so, trade(s)	
	No. of personnel	
	Duration	(calendar days)
6.	Attachment identification: (list) FDC	C Cover Sheet, Cost Proposal #40 (2 pages)
7.	Quotation is in effect until: (date)	
8.	Approval of Quotation	

Vela, Alex [HDS - NWW]

From: Vela, Alex [HDS - NWW]

Wednesday, May 21, 2008 1:33 PM Sent:

'Greg Williams'; Jeff Holst

Subject: RE: Yankee Lake Bolt Protector Caps



From: Greg Williams [mailto:gwilliams@floridadesigncontractors.com]

Sent: Wednesday, May 21, 2008 1:27 PM To: Vela, Alex [HDS - NWW]; Jeff Hoist Subject: RE: Yankee Lake Bolt Protector Caps



Thank you.

Greg Williams

From: Vela, Alex [HDS - NWW] [mailto:Alex.Vela@hdsupply.com]

Sent: Wednesday, May 21, 2008 12:39 PM To: Jeff Holst; Greg Williams Subject: Yankee Lake Bolt Protector Caps

As requested:

Quantity	Size	Type	Unit Price	Extension
and the same	3"	5/8" nut cap, black	\$.85	
	427	5/8" nut cap, black	\$.85	
	6"	3/3" nut cap, black	\$1.00	
	8"	¾" nut cap, black	\$1.00	
	12"	7/8" nut cap, black	en en en en en en en en en en en en en e	
	14"	1" nut cap, black		
	16"	i" nut cap, black	The same of the sa	
	18"	1-1/8" nut cap, black		

We are quoting on the Advance Products "Radolid" caps that are filled with the anti-corrosive lubricant -

Hope this helps.



Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Tuesday, October 28, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #041 for RFQ #002

Florida Design Contractors proposes modify existing logic and screens per RFQ #002

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:

-\$4,259.34, \$4259

Please find attached for your information and use:

- Cost Proposal Summary Sheet #041
- RFQ #002
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via e-mail at <u>jholst@floridadesigncontractors.com</u> phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS

DESIGN.	Lake Park, FL 33403			COST PROPOSAL		
Civ	il & Environmental Contractors		Constitution of the	NO.:	041	
PROJECT NAME: Yankee Lake WRF Phase I Im	provements			CIP #195201 \M	VBS #10303004, CC-2	098-07/DRR
LOCATION: Seminole County, FL	- gr 1 m/r n m/r 1 1 m/r 1 4 Mm² Annies (Annies br>Annies (Annies			DATE:	10/27/08	
OWNER: Seminole County		············	-,	DRAWING NO.		
ENGINEER: Seminole County ENGINEER: Boyle Engineering	······································			SPEC. SECTIO		
				BFEC. SECTION	·····	
REFERENCE TIME & MATERIAL	: RE	QUEST FOR PF		×		
DESCRIPTION: Modify EQ control at Yanker	e Lake and sludge flow control				Lakes per RFQ	
#002.						

		<u> </u>		<u></u>	····	

PI	RICINGINFORMATION			CONTRACTOR AND STREET		and the state of t
£t		·· ·]
	SKILL/TRADE	MAN-HOU	RS	RATE	COST	
1. DIRECT LABOR	Welder		MH	\$ 70.00	\$	-
1.A GENERAL LABOR:	Unskilled		МН	\$ 40.00	\$	
	Skilled	<u> </u>	МН	\$ 45.00	\$	-
. =-	Operator		MH	\$ 49.00	\$	-
1.B FIELD ENGINEERING:	Foreman		MH MH	\$ 55.00 \$ 85.00	\$	
	Superintendent Project Engineer	L	MH	\$ 90.00	\$	
	Project Engineer Project Manager	<u> </u>	MH	\$ 110.00	\$	220.00
	Vice President	<u> </u>	МН	\$ 135,00	\$	
1.C DAILY GENERAL CONDITIONS	Time Increase	L	DAYS	\$ -	\$	+
				BTOTAL (1)	\$	220.00
			Punchi	list 1.5% Labor	\$	3.30
	OVERHEAD & PROFIT		<u> </u>	15%	\$	33,50
				FOTAL (1)	\$	256.80
2. MATERIALS AND EQUIPMENT	DESCRIPTION	WEEKS	*	I LINION MONION	COST	
a. Maigriad and Exceptings	PEAAUL UAM	VACEUS	<u> </u>	UNIT PRICE	O O O T	
2. MATERIALS AND EQUIPMENT:	Crane Truck	WEEKS	Ė	\$3,000.00		•
	Crane Truck Excavator	WEEK		\$3,000.00 \$2,300.00	\$ \$	-
	Crane Truck Excavator Loader	WEIN		\$3,000.00 \$2,300.00 \$2,000.00	\$ \$ \$	
	Crane Truck Excavator Loader Dewatering	WHERE		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00	\$ \$ \$ \$	-
	Crane Truck Excavator Loader Dewatering Backhoe	WEEKS		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift			\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$	-
	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNISHO	GO SE	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO	GO SE	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO		\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL	UNITS NO	TEORNA GEGORA	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT: 2.B MATERIAL	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fuel Small Loois A Consumable six	UNITS NO	TEORNA GEGORA	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fixed Small Tools A Consumable six	UNITS NO	TEORNA GEGORA	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT: 2.B MATERIAL	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fuel Small Loois A Consumable six	UNITS NO	CEOL CONTROL C	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,500.00 \$1,200.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.B MATERIAL 2.C DIRECT COSTS:	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fuel Small Tools / Consumables OVERHEAD & PROFTT SALES TAX	UNITS NO	JEO	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.A EQUIPMENT: 2.B MATERIAL	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fuel Small Tools / Consumables OVERHEAD & PROFTT SALES TAX	UNITS NO	JEO	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,500.00 \$1,200.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Field Small Loads / Consumables Science OVERHEAD & PROFIT SALES TAX	UNITS NO	JED SI	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,200.00 \$1,700.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Field Small Loads / Consumables Science OVERHEAD & PROFIT SALES TAX	UNITS NO	SU SK ST SK ST SK ST ST ST ST ST ST ST ST ST ST ST ST ST	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,200.00 \$1,700	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Field Small Tools // Consumables Scissor OVERHEAD & PROFIT SALES TAX DESCRI	UNITS NO	SU SU	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,200.00 \$1,700.00 \$1,200	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,752.00 187.60
2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS Revere Control Systems	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Field Small Tools // Consumables Scissor OVERHEAD & PROFIT SALES TAX DESCRI	UNITS NO	SU SU	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,200.00 \$1,200.00 \$1,700.00 \$1,200	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,752.00 187.60 3,939.59
2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS Revere Control Systems GUERHEAD & PROFIT	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fixed Small Loads A Gonsumables States TAX DESCRI Perform modificatio	UNITS NO	SU SU	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,200.00 \$1,700	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,752.00 187.60 3,939.59 4,196.39
2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS Revere Control Systems	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fixed Small Loads A Gonsumables States TAX DESCRI Perform modificatio	UNITS NO	SU SU TOT.	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,200.00 \$1,200.00 \$1,700.00 \$1,200	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,752.00 187.60 3,939.59 4,196.39 62.95
2.B MATERIAL 2.C DIRECT COSTS: 3. SUBCONTRACTORS Revere Control Systems GVERNEAD & PROFIT	Crane Truck Excavator Loader Dewatering Backhoe Scissor Lift MATERIAL Equipment Fixed Small Loads A Gonsumables States TAX DESCRI Perform modificatio	UNITS NO	SU SU TOT.	\$3,000.00 \$2,300.00 \$2,000.00 \$1,300.00 \$1,500.00 \$1,500.00 \$1,200.00 \$1,700	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,752.00 187.60 3,939.59 4,196.39

By:	By:	By:	
Engine	er (Authorized Signature)	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	Date:	Date:	



2240 ROCKY RIDGE ROAD • BIRMINGHAM, ALABAMA 35216 (205) 824-0004 • Main Fax (205) 824-0408 • Sales Fax (205) 824-

www.reverecontrol.com

To:

Interested Bidders

Yankee Lakes EQ Control/Yankee Lake and Greenwood Lakes Sludge Flow Control (RFQ 002)

Date: October 23, 2008

Ref:

Bid Date:

22 October 2008

Quotation No: 8118

Gentlemen:

Thank you for the opportunity to offer the following proposal on the referenced project.

NOTES, QUALIFICATIONS AND EXCEPTIONS

No travel or hardware of any kind is included under this proposal. In order to reduce cost, all engineering and programming will be completed at Revere Headquarters in Birmingham and sent to the jobsite via VPN.

ENGINEERING SERVICES

- 1) Software configuration and programming to include:
 - a) HMI graphic development
 - b) PLC software configuration and programming
 - i) Two total registers for Flow Meter 105-FE/FIT-1 (EQ Flow and Filter Flow) When 105-V-7A is open and 105-V-7B is closed meter reads to EQ flow register and when 7A is closed and 7B is open meter reads to filter flow register.
 - ii) Information for daily totals for the following (6) Flow Meters:
 - (a) LY INFLUENT-CH (influent flow)
 - (b) YL LIFT CH (plant lift station flow)
 - (c) 105-FE-FIT-1 (filtrate flow meter)
 - (d) 70-FE/FIT-1 (head works RAS flow meter)
 - (e) 70-FE/FIT-2 (EQ RAS flow meter)
 - (f) 110-FE/FIT-1 (sludge return flow meter)

At the end of each day add together the above meters + yesterdays equalization flow set point, then divide by 2 and enter that product as today's flow set point. If during the past 24 hours the EQ level reached its high set point then add .2MG to the totals. If during the past 24 hours the EO level reaches its low set point then subtract .3MG from the totals. Make the values for high or low events changeable on SCADA.

- iii) Totalizer Reading on the following (2) Sludge Flowmeters:
 - (a) GWL-FIT-1
 - (b) 115-FIT-1
- c) 1-Programming Engineer (Offsite) including up to (24) hours of programming
 - i) Additional work, if required, to be billed at RCS standard rate schedule
- 2) Warranty services for a period of 1 year.

(Nam	e)
(Date)
Page	2

Price\$_	3,523	_Total Net	400 6.5°6 SLEES TOX	
			71.	

Pricing and Delivery:

Quoted prices are firm based on the following: 60 days to receive a firm purchase order.

We do not include any applicable sales taxes or fees.

Our Terms and Conditions are attached and made an integral part of this proposal.

We do not include installation, terminations, labor or supervision, wiring, cable, conduit, brackets, hangers, anchor bolts, piping fittings or valves except as herein defined.

Start-up assistance and training is included as detailed above. Additional time, if required due to incompleteness of installation, lack of operating fluids or media, or other delays related to construction or operation beyond our control will be invoiced based on current rates in effect.

Thank you for your consideration of Revere Control Systems. We look forward to working with you on this project.

Very truly yours,

Cliff Fleming

Cliff Fleming Revere Control Systems Inc.





Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Friday, November 7, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR

Proposal #044 for RFI #176

Florida Design Contractors proposes to furnish and install coquina shell subgrade for area near the EQ pump station per the response to RFI #176.

By mutual acceptance of a lump sum agreement, we propose the above for an addition of:





Please find attached for your information and use:

- Cost Proposal Summary Sheet #044
- RFI #176
- Supplier/Subcontractor quotes

If you have any questions or require additional information, you may contact me via email at jholst@floridadesigncontractors.com phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS

DESIGN.	Lake Park, FL 33403			COST PROPOSAL		
Civ	il & Environmental Contractors		C-MANAGE AND AND AND AND AND AND AND AND AND AND	NO.:	044	
				CID #105201 14	/BS #10303004, CC-2098-07/DRR	
PROJECT NAME: Yankee Lake WRF Phase I In	provements			DATE:	11/07/08	
LOCATION: Seminole County, FL				DRAWING NO.		
OWNER: Seminole County				***************************************	**************************************	
ENGINEER: Boyle Engineering				SPEC. SECTIO	N:	
REFERENCE TIME & MATERIAL DESCRIPTION: Furnish and install coquina	REC	QUEST FOR PF	ROPOS	x		
		w		······································		
<u>P.</u> I	RICING INFORMATION		9-25-29-05-09-E			
	SKILL/TRADE	MAN-HOU	RS	RATE	cost	
. DIRECT LABOR	Welder		МН	\$ 70.00	\$ -	
1.A GENERAL LABOR:	Unskilled		мн		\$ "	
	Skilled	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	МН	\$ 45.00	\$ -	
	Operator		МН	\$ 49,00	\$ -	
1.B FIELD ENGINEERING:	Foreman		МН	\$ 55.00	\$	
	Superintendent		МН	\$ 85,00	\$ -	
	Project Engineer		МН	\$ 90,00	\$	
	Project Manager		MH	\$ 110.00	\$ 220.00	
A MARKA CHARACTER AND AND AND AND AND AND AND AND AND AND	Vice President		MH	\$ 135.00	\$. \$.	
1.C DAILY GENERAL CONDITIONS	Time Increase			\$ -		
				STOTAL (1) st 1,5% Labor	\$ 220.00 \$ 3.30	
			Puncin			
	OVERHEAD & PROFIT			15% OTAL (1)	\$ 33.50 \$ 256.80	
	27.07.550.17.00			and the second of the second o	φ 250.80	
2. MATERIALS AND EQUIPMENT	DESCRIPTION	WEEKS	}	UNIT PRICE	COST	
2.A EQUIPMENT:	Crane Truck			\$3,000.00	\$.	
	Excavator			\$2,300.00	\$ -	
	Loader		Ī	\$2,000.00	\$ -	
	Dewatering		<u> </u>	\$1,300.00	\$ -	
	Backhoe		<u> </u>	\$1,500.00	\$	
	Scissor Lift		<u> </u>	\$1,200.00	\$ -	
2.B MATERIAL	MATERIAL	EUNITS NO			<u> </u>	
	Equipment Fuels States			mentiCost (le	\$ -	
	Small Mols / Consumables as	5	LD	ost 135.00	\$ (675.00)	
	Clean Fill		LD	<u> </u>		
	Coquina Shell	5		\$ 250.00	\$ 1,250.00 \$ -	
				 	\$ -	
			·	1	\$ -	
			<u> </u>	1	\$ -	
]		\$ -	
					\$ -	
					3 -	
			SU	BTOTAL (2)	\$ 575.00	
2.C DIRECT COSTS:	OVERHEAD & PROFIT		L	15.0%	\$ 86.25	
	SALES TAX			6.5%	\$ 37.38	
			7	OTAL (2)	\$ 698.63	
a duagouthictors	DESCRIP	TION OF WOR	>LC		COST	
3. SUBCONTRACTORS	DESCRI	JOSE OF MOU			0001	
		·				
		·				
			SU	BTOTAL (3)	\$ -	
OVERHEAD & PROFIT				5%	\$ -	
				FOTAL (3)	\$.	
			TOTA	AL (1)+(2)+(3)	\$ 955.42	
ADDITIONAL INSURANCE (55%) AND BOND	ING (95%) COSTS:			1.5%	\$ 14.33	
			GR	AND TOTAL	\$ 969.75	

96976

By:	By:	By:	
	Engineer (Authorized Signature)	Owner (Authorized Signature)	Florida Design Contractors, Inc.
Date:	Date:	Date:	



SEMINOLE COUNTY ENVIRONMENTAL SERVICES CAPITAL IMPROVEMENT PROGRAM REQUEST FOR INFORMATION - CONSTRUCTION

RFI Number	176
Project Name	Yankee Lake / Greenwood Lakes Re-Rate
Contractor	Florida Design Contractors
CIP Number	195201
WBS Number	10303004
Date Submitted	10/15/08
Prepared By	Allen Bigelow
Sheet Number	YL C-103 (11)
Specification	02610

ATE ST	AMP – Rec	eived by P	rogram Do	cument
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			····	

Description of Request

At page grid B-5 on C-103 (11), it calls for stabilized subgrade in the limits shown. This includes a ramp up to the 155 Building and a flat area to the north of the Equalization Pump Station. The closest thing I can find in the specifications for stabilized subgrade is section 02610 (Stabilized Sub-Base). The allowed material is high bearing soil, sand-clay, ground or crushed limestone, oyster or coquina shell, or rock screenings. I assume that this is meant to be an access road to the 155 Building and adjacent Pump Station. What material do you want, how deep, and what are the compaction requirements?

Forwarded By: Allen Bigelow

Title: Construction Manager

Date of Forwarding: October 15, 2008

Response to Request

On the sloped ramp, the intent is to utilize a less erodable substance than a sand-clay mixture. Oyster or Coquina shell would be most preferable, at a depth of 12". Compaction requirements should be 98%

Responded By: Daniel S. Augusti

Title: Construction Manager

Date of Response: 11/3/08

Date Returned to Contractor: November 3, 2008

Returned By: Allen Bigelow



◆P.O. Box 390395◆Deltona, FL 32739◆Phone: (386)860-4FJL◆Fax: (386)575-1101◆Email: <u>FJL4444@Bellsouth.net</u>

PROPOSAL

		CONTRACT FOR S	ERVICES	
Contractor:	Florida Design Con Attn: Jeffery Holst 1326 South Killian A	Avenue	Date: October 3, 2007	
	Lake Park, FL 33403 Phone: (561) 845-12 Fax: (561) 848-59	33x103	Contact: Barney Johnson Phone: 386-860-4355	
Project Name	e: 501 Yankee	Lake Road, Sanford, FL		
Proposal to subelow;	apply all necessary lab	or, equipment and materi	al for the above-described project as outlined	
Provide and		o above listed address Thirty-Five dollars ar	\$135.00/ per 18 cy loa nd no cents per 18 cubic yard load)	ıd
Exclusions:	Survey & Layout	cs Clearing Limits Property Corner raction, removal or dispos	rs/Boundaries Traffic Control	
			quoted herein are good for thirty (30) days. Pleing this quotation for clearing work.	ease
By: Barn	ey Johnson, Super	visor		
By signing th	is document, your cor	npany agrees that this is a	a contract for services:	
Accepted ar	nd agreed this	day of	, 2007.	
Name/Title:				

Parker Brothers Trucking, Inc.

713 Governors Ave. Orlando, FL 32808

Estimate

Date	Estimate #
11/7/2008	415

Name / Address	
Florida Design Contrctors	
Atten: Jeff	

			Project
Description	Qty	Cost	Total
Purchase & Deliver Shell to 501 Yankee Lake Rd Sanford, Fl	5	250.00	1,250.00
		Total	\$1,250.0

Phone#	Fax#
(407) 299 3147	(407) 299 7654



Allen Bigelow

Company:

CH2M Hill

Address:

510 West Lake Mary Blvd

Sanford, Florida 32773

Telephone No.

407-323-5396

Fax No.

407-665-2055

Date:

Wednesday, December 17, 2008

From:

Jeffrey Holst, Project Engineer

Reference:

Seminole County

Yankee Lake WRF Phase 1 Improvements

Sanford, Florida

Project No. CC # CC-2098-07 / DRR Proposal #047rev1 for Sludge Removal

Florida Design Contractors, Inc. (FDC) proposes to increase the units for bid item #5 by 300 wet tons at the rate quoted at bid time. Total cost is not to exceed an additional \$165,000.00.

By mutual acceptance of a lump sum agreement, we have performed the work above for an addition of:

\$165,000.00

Please find attached for your information and use:

- Cost Proposal Summary Sheet #047
- RFI #173 Response

If you have any questions or require additional information, you may contact me via email at <u>jholst@floridadesigncontractors.com</u> phone 561-845-1233 ext.103, fax 561-848-5992.

FLORIDA DESIGN CONTRACTORS 1326 S. Killian Drive

DESIGN	<u>.</u> .	Lake Park, FL 33403			N. A	COST PROPOSAL
	Civ	il & Environmental Contractors			NO.:	047rev1
ROJECT NAME	: Yankee Lake WRF Phase I Im	provements			CIP #195201	WBS #10303004, CC-2098-07/DRR
LOCATION:	Seminole County, FL	Santa da	******************************		DATE:	12/12/08
OWNER:	Seminole County	······································	······		DRAWING NO	
ENGINEER:	Boyle Engineering				SPEC. SECTION	
		77. 200 A. S. Barris S. Barris S. Barris S. Barris S. Barris S. Barris S. Barris S. Barris S. Barris S. Barris	(SSERIO PERMISE)			
REFERENC DESCRIPTION:	Remove additional sludge ov	er the 200 tons included in the	QUEST FOR P	al allow	ance at unit co	st provided at
	bid time. Sludge is removed	at the unit cost of \$550/wet to	n per the bid all	lowance	<u> </u>	
						
·····						
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
				Maria Maria Caraca		
	PR	ICING INFORMATION	I			
		SKILL/TRADE	MAN-HOU	IRS	RATE	COST
. DIRECT LABO	OR	Welder		МН	\$ 70.00	I \$ -
1.A G	SENERAL LABOR:	Unskilled		MH	\$ 40.00	Ł
		Skilled		MH	\$ 45.00	\$ -
		Operator		MH	\$ 49.00	
1.B F	TELD ENGINEERING:	Foreman		MH	\$ 55.00	-
		Superintendent	~	MH MH	\$ 85,00	\$ -
		Project Engineer Project Manager		MH	\$ 90.00 \$ 110.00	\$ -  \$ -
		Vice President	\$	MH	\$ 135.00	<del>                                   </del>
1.C D/	AILY GENERAL CONDITIONS	Time Increase		DAYS	\$ -	\$ -
				SUE	STOTAL (1)	\$ -
					st 1.5% Labor	\$ -
		OVERHEAD & PROFIT			15%	-
****				T	OTAL (1)	-
. MATERIALS	AND EQUIPMENT	DESCRIPTION	WEEKS	5 5	UNIT PRICE	COST
2A F	EQUIPMENT:	Crane Truck		ederview need	\$3,000.00	
****		Excavator		<u> </u>	\$2,300.00	ł
		Loader			\$2,000.00	
		Dewatering			\$1,300.00	\$ .
		Backhoe			\$1,500.00	
0.0.44	A T.C. 1. 1	Scissor Lift		noperproperty (	\$1,200.00	<u> </u>
2.5 iVi	ATERIAL	MATERIAL Equipment File	UNITS NO		rent Cost	3
		Small Look Consumables		Labor C	THE PROPERTY OF THE PARTY OF TH	\$
		Sludge removal	300	WET	\$ 550,00	
				TON		
					***************************************	\$ -
						\$ -
						s
		7,000,000				\$ -
						\$ -
						-
						-
				SUE	STOTAL (2)	\$ 165,000.00
2.C L	DIRECT COSTS:	OVERHEAD & PROFIT			0.0%	\$ -
		SALES TAX			0.0%	\$ -
				edes per la cons	OTAL (2)	\$ 165,000.00
S. SUBCONTRA	CTORS	DESCRIF	TION OF WOR	K		COST
				SUE	STOTAL (3)	\$ -
OVERHEAD & P	ROFIT				0%	\$ -
					OTAL (3)	\$ -
				TOTA	L (1)+(2)+(3)	\$ 165,000.00
AUDITIONAL IN:	SURANCE L55%) AND BONDIN	16 (95%) COSTS:		~	0.0%	\$ -
		Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansan Sansa		GR/	AND TOTAL	\$ 165,000.00
Зу;	- (A. M A A. O 1	_Ву:		Ву:		
	r (Authorisad Cinnatura)	Cumne (Authorin	nd Cinnature		تب س1 <del>س</del> م	de Desire Conferentes las

Ву:		By:		Ву:	
	Engineer (Authorized Signature)		Owner (Authorized Signature)		Florida Design Contractors, Inc.
Date:		Date:		Date:	



# SEMINOLE COUNTY ENVIRONMENTAL SERVICES CAPITAL IMPROVEMENT PROGRAM REQUEST FOR INFORMATION - CONSTRUCTION

RFI Number	173
Project Name	Yankee Lake / Greenwood Lakes Re-Rate
Contractor	Florida Design Contractors
CIP Number	195201
WBS Number	10303004
Date Submitted	10/13/08
Prepared By	Jeffrey Holst
Sheet Number	
Specification	01025, D.3

DATE STAMP - Received by Program Document					
	·				
	•				

Description	of Rea	quest
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In the description of Unit Price Bid Items in 01025, D.3, please verify that the following areas are included: Fermentation Tanks #1 and #2; Aeration Basins #1, #2, and #3; Sludge Tanks #1 and #2.

Forwarded By: Allen Bigelow

Title: Construction Manager

Date of Forwarding: October 13, 2008

## Response to Request

The intent was to allow the unit price to include process tanks being taken down. That includes all of the items listed in the question.

Responded By: Daniel S. Augusti

Title: Construction Manager

Date of Response: 10/16/08

Date Returned to Contractor: October 16, 2008

Returned By: Allen Bigelow